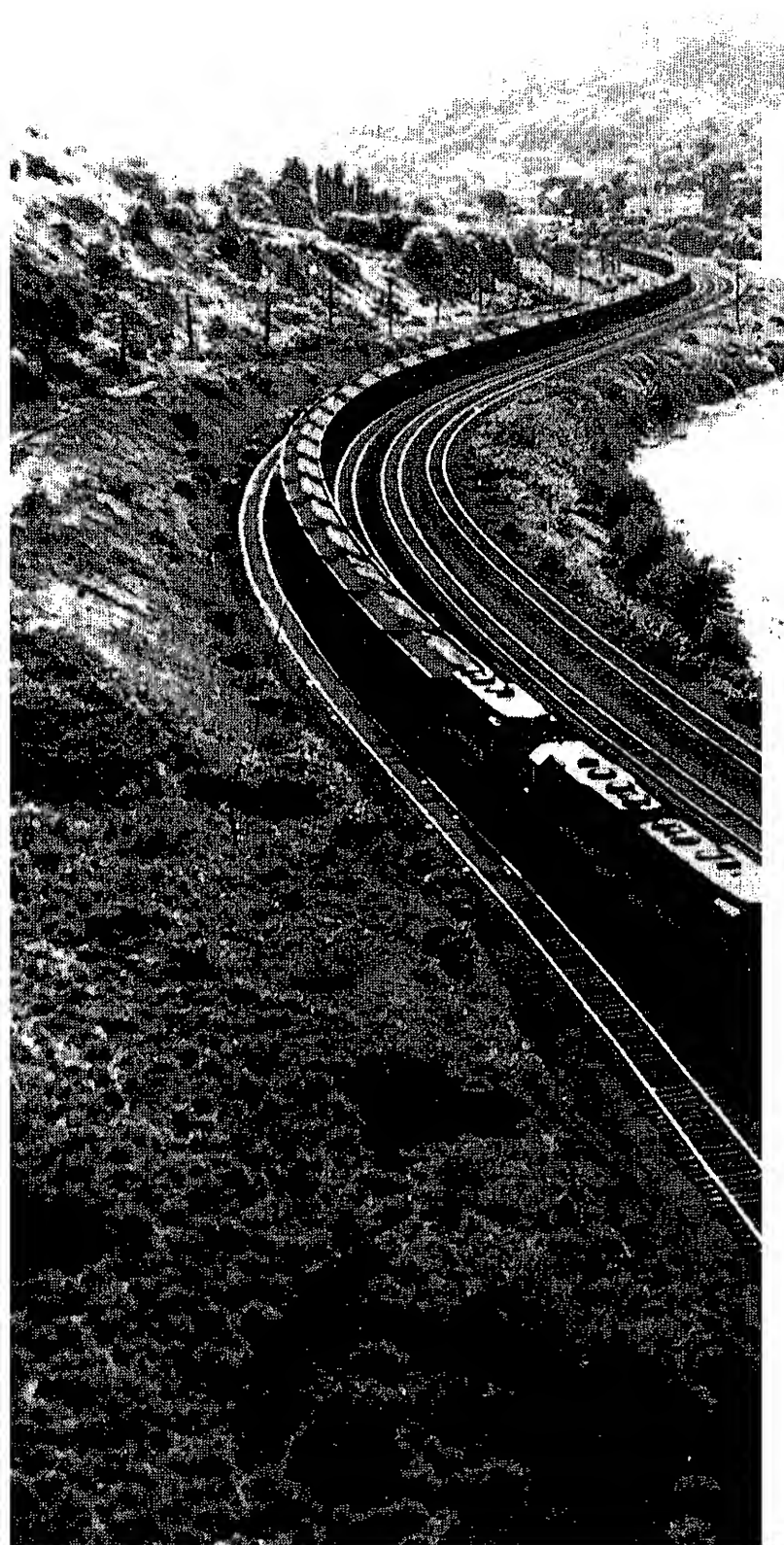




Energy
Information
Administration

Weekly Coal Production

Production for Week Ended:
March 3, 1990



The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. The Coal Exports and Imports Supplement contains annual as well as detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Coal Market Supplement contains detailed statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origins and destination of coal shipments. This supplement will also contain summary level data for all coal consuming sectors on a quarterly basis.

Preliminary actual data are published quarterly based on the EIA-6 coal distribution data. The estimation error for a quarter at the national level ranges from one percent to four percent. The State level errors can vary slightly from the national level.

Final data are published annually based on the EIA-7A Coal Production Survey. The revision error for a quarter at the national level ranges from .02 percent to .08

percent. The State level errors can vary slightly from the national level.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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Summary

production in the week ended March 3, 1990, led by the Energy Information Administration. Total production was 20 million short tons. This was virtually the same as in the previous week and in the comparable week of 1989. Production East of the Mississippi totaled 11 million short tons, and production West of the Mississippi totaled 8 million short tons.

Production in February totaled 82 million short tons, 1 percent less than the 90 million short tons produced in January and 9 percent higher than production in February 1989.

The March issue of *Weekly Coal Production* contains the new Coal Market Supplement, focusing on the current demand for coal at utility plants. These plants compose the principal domestic market for coal. They frequently, have a strong influence on coal production. Coal-fired generating units, in turn, hold a large share in the U.S. electric power industry, representing the largest share of generating capability and accounting for more than half of the electricity generated.

In November 1989 electric utility plants consumed 72 million short tons of coal, compared with 67 million short tons a year earlier. For the year 1989, utility coal production rose to 766 million short tons, only slightly more than in 1988. Coal-generated electricity in November 1989 amounted to 147,030 gigawatthours, nearly 8 percent higher than in December 1988. This raised the total coal-fired generation in 1989 to 184 GWh, also slightly more than in 1988. In

1989, coal-fired generation accounted for 56 percent of total electricity generation in the United States, down slightly from 57 percent in 1988.

From January through November 1989, electric utility plants received 693 million short tons of coal. Of this, 83 percent was purchased under contract and the balance was from the spot market. By comparison, in the same period of 1988, contract coal accounted for 87 percent of the coal receipts. The price of utility coal receipts averaged \$1.45 per million Btu, which was 2 cents less than a year earlier. Contract coal dropped 2 cents to an average of \$1.49 per million Btu. By contrast, spot market coal rose 2 cents to an average of \$1.28 per million Btu. The sulfur content of the coal receipts averaged 0.64 pounds per million Btu, approximately the same as that a year ago.

Coal stocks at electric utility plants declined to 136 million short tons at the end of 1989. This was 7 percent below the level at the end of 1988 and the lowest year-end level in the 1980's.

In the period January-November 1989, coal shipments from Wyoming, Kentucky, West Virginia, Indiana, Pennsylvania and Ohio increased markedly over those in the same period of 1988. Together these States accounted for almost 90 percent of the total increase in receipts by origin. Coal receipts over this same period were up significantly in Texas, Indiana, West Virginia, Ohio, Pennsylvania and Virginia. Together these States accounted for almost three-fourths of the total increase in receipts by destination.

I. Coal Production

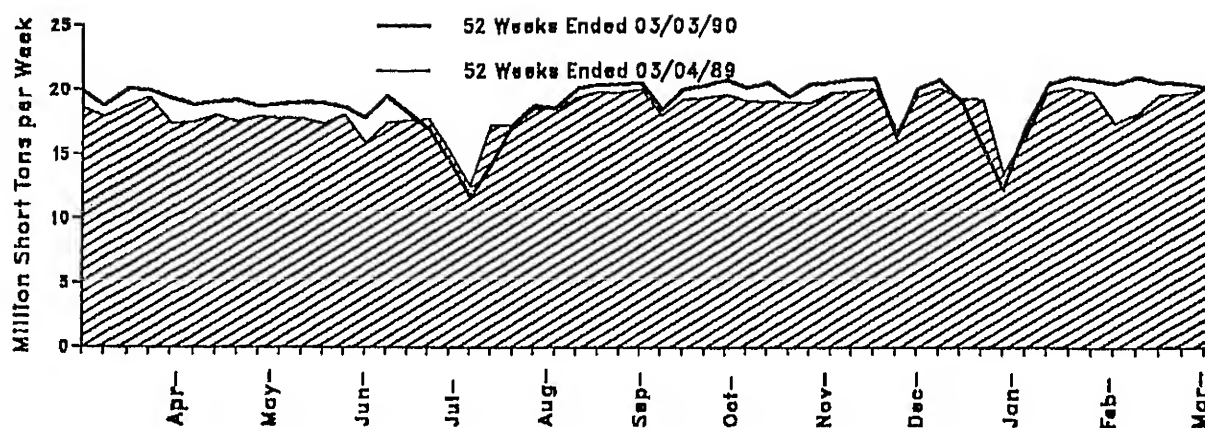
| Production and Carloadings | Week Ended | | | 52 Weeks Ended | | |
|---------------------------------|------------|----------|----------|----------------|-----------|----------------|
| | 03/03/90 | 02/24/90 | 03/04/89 | 03/03/90 | 03/04/89 | Percent Change |
| (Thousand Short Tons) | | | | | | |
| Subbituminous and Lignite | 19,963 | 20,235 | 19,838 | 982,007 | 948,984 | 3.5 |
| Anthracite | 74 | 74 | 72 | 3,536 | 3,614 | -2.1 |
| ..... | 20,037 | 20,309 | 19,910 | 985,543 | 952,578 | 3.5 |
| Trucks Loaded | 127,872 | 129,751 | 127,192 | 6,432,043 | 6,289,667 | |

Subbituminous coal.

All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Figure 1. Coal Production

Table 2. Coal Production by State
(Thousand Short Tons)

| Region and State | Week Ended | | |
|---|------------|----------|----------|
| | 03/03/90 | 02/24/90 | 03/04/89 |
| Bituminous Coal¹ and Lignite | | | |
| East of the Mississippi | 11,942 | 12,281 | 12,409 |
| Alabama | 517 | 533 | 553 |
| Illinois | 1,143 | 1,257 | 1,327 |
| Indiana | 828 | 813 | 811 |
| Kentucky | 3,327 | 3,250 | 3,301 |
| Kentucky, Eastern | 2,503 | 2,507 | 2,488 |
| Kentucky, Western | 824 | 743 | 815 |
| Maryland | 59 | 57 | 71 |
| Ohio | 879 | 888 | 719 |
| Pennsylvania Bituminous | 1,323 | 1,400 | 1,390 |
| Tennessee | 128 | 139 | 120 |
| Virginia | 1,015 | 1,098 | 1,001 |
| West Virginia | 2,923 | 2,989 | 3,316 |
| West of the Mississippi | 8,022 | 7,954 | 7,429 |
| Alaska | 33 | 33 | 30 |
| Arizona | 250 | 253 | 231 |
| Arkansas | 1 | 2 | 2 |
| Colorado | 399 | 428 | 314 |
| Iowa | 8 | 8 | 11 |
| Kansas | 22 | 22 | 7 |
| Louisiana | 49 | 30 | 37 |
| Missouri | 66 | 67 | 75 |
| Montana | 783 | 752 | 730 |
| New Mexico | 658 | 824 | 435 |
| North Dakota | 618 | 593 | 646 |
| Oklahoma | 40 | 42 | 38 |
| Texas | 1,055 | 1,071 | 1,016 |
| Utah | 460 | 504 | 414 |
| Washington | 92 | 93 | 101 |
| Wyoming | 3,488 | 3,431 | 3,343 |
| Bituminous ¹ and Lignite Total | 19,963 | 20,235 | 19,838 |
| Pennsylvania Anthracite | 74 | 74 | 72 |
| U.S. Total | 20,037 | 20,309 | 19,910 |

Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 3. Coal Production by State, February 1990
(Thousand Short Tons)

| Region and State | February 1990 | January 1990 | February 1989 | Year to Date | | |
|---|------------------|-----------------|------------------|--------------|---------|-------------------|
| | | | | 1990 | 1989 | Percent Change |
| Bituminous Coal ¹ and Lignite | | | | | | |
| East of the Mississippi | 49,842 | 54,223 | 47,950 | 104,066 | 98,232 | 5.9 |
| Alabama | 2,282 | 2,524 | 2,140 | 4,816 | 4,373 | 10.1 |
| Illinois | 4,836 | 5,414 | 4,729 | 10,251 | 9,996 | 2.5 |
| Indiana | 3,549 | 3,504 | 2,386 | 7,053 | 4,838 | 45.8 |
| Kentucky | 13,574 | 15,082 | 12,588 | 28,656 | 25,910 | 10.8 |
| Kentucky, Eastern | 10,334 | 11,321 | 9,489 | 21,655 | 19,516 | 11.0 |
| Kentucky, Western | 3,240 | 3,761 | 3,109 | 7,001 | 6,394 | 9.5 |
| Maryland | 239 | 273 | 277 | 512 | 569 | -10.0 |
| Ohio | 2,771 | 3,036 | 2,797 | 5,806 | 5,692 | 2.0 |
| Pennsylvania Bituminous | 5,504 | 5,559 | 5,611 | 11,063 | 11,201 | -1.2 |
| Tennessee | 551 | 594 | 458 | 1,145 | 941 | 21.7 |
| Virginia | 4,357 | 4,737 | 3,841 | 9,094 | 7,890 | 15.3 |
| West Virginia | 12,170 | 13,500 | 13,113 | 25,670 | 26,825 | -4.3 |
| West of the Mississippi | 31,668 | 35,659 | 27,090 | 67,328 | 58,776 | 14.5 |
| Alaska | 134 | 150 | 115 | 284 | 240 | 18.3 |
| Arizona | 1,020 | 1,120 | 872 | 2,140 | 1,822 | 17.4 |
| Arkansas | 6 | 7 | 7 | 13 | 14 | -10.3 |
| Colorado | 1,698 | 1,830 | 1,238 | 3,528 | 2,562 | 37.7 |
| Iowa | 32 | 36 | 40 | 68 | 89 | -23.5 |
| Kansas | 90 | 98 | 26 | 185 | 83 | 122.6 |
| Louisiana | 159 | 249 | 207 | 408 | 451 | -9.5 |
| Missouri | 271 | 300 | 284 | 571 | 601 | -4.9 |
| Montana | 3,049 | 3,469 | 2,583 | 6,518 | 5,783 | 12.7 |
| New Mexico | 2,300 | 2,279 | 1,752 | 4,579 | 3,520 | 30.1 |
| North Dakota | 2,406 | 2,791 | 2,293 | 5,197 | 5,121 | 1.5 |
| Oklahoma | 158 | 190 | 113 | 348 | 263 | 32.2 |
| Texas | 4,310 | 4,810 | 3,841 | 9,120 | 8,026 | 13.6 |
| Utah | 1,982 | 2,186 | 1,536 | 4,168 | 3,229 | 29.1 |
| Washington | 376 | 416 | 382 | 792 | 798 | -7 |
| Wyoming | 13,677 | 15,731 | 11,802 | 29,408 | 26,174 | 12.4 |
| Bituminous ¹ and Lignite Total | 81,510 | 89,883 | 75,040 | 171,393 | 157,009 | 9.2 |
| Pennsylvania Anthracite | 286 | 307 | 282 | 592 | 563 | 5.2 |
| U.S. Total | 81,796 | 90,189 | 75,322 | 171,986 | 157,572 | 9.1 |

¹ Includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 4. Coal Statistics for Electric Utilities, 1980-1989

| Year and Month | Receipts | | | | Consumption (thousand short tons) | Generation | | Stocks (thousand short tons) |
|----------------|--------------------------------------|---------------------|--------------------------------|------------------------------------|---|------------------|-----------------|------------------------------------|
| | Quantity (thousand short tons) | Percent Contract | Price (cents per MM Btu) | Quality (lbs. sulfur MM Btu) | | GWh ¹ | Percent Coal | |
| 1980 | 593,995 | 88.5 | 135 | 0.75 | 569,274 | 1,161,562 | 50.8 | 183,010 |
| 1981 | 579,374 | 86.9 | 153 | .71 | 596,797 | 1,203,203 | 52.4 | 168,893 |
| 1982 | 601,427 | 80.4 | 165 | .71 | 593,666 | 1,192,004 | 53.2 | 181,132 |
| 1983 | 592,728 | 88.3 | 166 | .70 | 625,211 | 1,259,424 | 54.5 | 155,598 |
| 1984 | 684,111 | 85.5 | 166 | .70 | 664,399 | 1,341,681 | 55.5 | 179,727 |
| 1985 | 666,743 | 88.9 | 165 | .66 | 693,841 | 1,402,128 | 56.8 | 156,376 |
| 1986 | 686,964 | 87.5 | 158 | .66 | 685,056 | 1,385,831 | 55.7 | 161,806 |
| 1987 | | | | | | | | |
| January | 56,653 | 89.2 | 150 | .67 | 62,414 | 126,631 | 56.8 | 157,061 |
| February | 53,169 | 83.9 | 153 | .67 | 53,715 | 109,648 | 56.5 | 158,322 |
| March | 57,622 | 86.7 | 153 | .67 | 54,647 | 111,920 | 55.4 | 161,848 |
| April | 55,218 | 82.3 | 155 | .67 | 51,435 | 105,474 | 55.7 | 165,103 |
| May | 56,426 | 85.9 | 154 | .66 | 56,484 | 115,155 | 55.9 | 165,683 |
| June | 61,047 | 85.0 | 152 | .66 | 63,500 | 129,351 | 57.3 | 163,361 |
| July | 57,882 | 85.8 | 150 | .62 | 70,736 | 143,503 | 57.9 | 150,217 |
| August | 66,250 | 85.1 | 149 | .64 | 70,075 | 143,194 | 57.8 | 146,106 |
| September | 64,605 | 83.9 | 150 | .65 | 59,259 | 120,777 | 56.7 | 151,961 |
| October | 65,413 | 82.8 | 150 | .65 | 57,117 | 117,743 | 58.0 | 160,942 |
| November | 62,845 | 82.8 | 147 | .65 | 55,981 | 114,172 | 57.0 | 168,274 |
| December | 64,162 | 82.4 | 146 | .65 | 62,551 | 126,213 | 57.2 | 170,797 |
| Total | 721,298 | 84.6 | 151 | .65 | 717,894 | 1,463,781 | 56.9 | |
| 1988 | | | | | | | | |
| January | 58,628 | 85.7 | 147 | .66 | 67,850 | 137,845 | 57.9 | 163,561 |
| February | 58,871 | 86.7 | 149 | .64 | 61,401 | 128,267 | 58.2 | 160,424 |
| March | 59,021 | 88.8 | 149 | .63 | 58,758 | 120,034 | 56.1 | 162,603 |
| April | 56,136 | 87.9 | 150 | .62 | 54,135 | 109,135 | 55.7 | 165,750 |
| May | 57,920 | 87.9 | 150 | .63 | 56,529 | 115,195 | 55.3 | 166,328 |
| June | 59,337 | 87.1 | 146 | .62 | 65,343 | 132,268 | 56.8 | 161,215 |
| July | 58,089 | 86.9 | 146 | .60 | 71,749 | 144,301 | 56.0 | 148,234 |
| August | 68,696 | 86.4 | 145 | .62 | 75,253 | 152,377 | 56.9 | 141,389 |
| September | 63,103 | 85.2 | 145 | .64 | 61,540 | 124,410 | 56.5 | 142,830 |
| October | 63,574 | 86.3 | 146 | .64 | 59,561 | 121,339 | 57.6 | 147,130 |
| November | 62,015 | 84.3 | 146 | .63 | 59,305 | 121,054 | 57.8 | 150,016 |
| December | 63,487 | 82.6 | 142 | .63 | 66,848 | 136,427 | 58.6 | 146,507 |
| Total | 727,775 | 86.3 | 147 | .63 | 758,372 | 1,540,853 | 57.0 | |
| 1989 | | | | | | | | |
| January | | 82.5 | 143 | .64 | 66,454 | 134,876 | 58.3 | 141,682 |
| February | | 82.5 | 143 | .64 | 62,813 | 126,936 | 57.9 | 137,136 |
| March | | | | .64 | 61,912 | 126,564 | 55.9 | 138,918 |
| April | | | | .63 | 55,932 | 115,273 | 55.5 | 144,577 |
| May | | | | .65 | 58,360 | 118,958 | 54.1 | 150,833 |
| June | | | | .63 | 63,623 | 128,454 | 54.6 | 148,831 |
| July | | | | .61 | 69,706 | 138,474 | 63.9 | 135,212 |
| August | | | | .64 | 70,332 | 141,710 | 54.8 | 134,234 |
| September | | | | .64 | 62,888 | 126,730 | 55.9 | 135,626 |
| October | | | | .64 | 60,541 | 122,214 | 55.8 | 142,292 |
| November | | | | .64 | 60,946 | 124,164 | 56.7 | 147,131 |
| December | | | | NA | 72,267 | 147,030 | 56.8 | 135,894 |

23. "Monthly Report of Cost and Quality of Fuels for Electric Plants."
¹ Production." Generation: Energy Information Administration (EIA).

Table 5. Coal-Fired Net Generation, December 1989
(Gigawatthours)

| Census Division and State | December 1989 | December 1988 | Percent Change | Year to Date | | | | |
|------------------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|-----------------------------|------------------|
| | | | | Coal Generation | | | Percent of Total Generation | |
| | | | | 1989 | 1988 | Percent Change | 1989 | 1988 |
| New England | 1,640 | 1,633 | 0.4 | 17,255 | 16,979 | 1.6 | 17.7 | 18.2 |
| Connecticut | 248 | 215 | 15.4 | 2,095 | 2,094 | (¹) | 6.1 | 5.8 |
| Maine | - | - | - | - | - | - | - | - |
| Massachusetts | 1,194 | 1,166 | 2.4 | 12,088 | 11,687 | 3.4 | 30.9 | 33.7 |
| New Hampshire | 197 | 252 | -22.0 | 3,072 | 3,197 | -3.9 | 43.1 | 45.7 |
| Rhode Island | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) | (¹) |
| Vermont | - | - | - | - | - | - | - | - |
| Middle Atlantic | 13,455 | 12,669 | 6.2 | 139,516 | 136,163 | 2.5 | 42.8 | 42.8 |
| New Jersey | 684 | 881 | -22.4 | 8,378 | 7,163 | 17.0 | 20.4 | 17.8 |
| New York | 2,371 | 2,176 | 9.0 | 25,224 | 22,761 | 10.8 | 19.4 | 18.3 |
| Pennsylvania | 10,400 | 9,612 | 8.2 | 105,913 | 106,239 | -.3 | 68.4 | 69.5 |
| East North Central | 33,340 | 30,277 | 10.1 | 355,551 | 350,816 | 1.3 | 73.7 | 75.4 |
| Illinois | 5,849 | 4,868 | 20.2 | 51,125 | 52,994 | -3.5 | 40.3 | 43.0 |
| Indiana | 8,510 | 7,656 | 11.2 | 87,330 | 82,813 | 5.5 | 98.6 | 98.6 |
| Michigan | 5,877 | 5,547 | 6.0 | 67,618 | 68,578 | -1.4 | 73.9 | 77.2 |
| Ohio | 10,165 | 9,587 | 6.0 | 117,677 | 114,564 | 2.7 | 89.8 | 92.4 |
| Wisconsin | 2,937 | 2,619 | 12.2 | 31,800 | 31,867 | -.2 | 71.7 | 70.8 |
| West North Central | 15,313 | 15,103 | 1.4 | 160,137 | 162,491 | -1.4 | 74.9 | 75.6 |
| Iowa | 2,187 | 2,077 | 5.3 | 23,724 | 23,345 | 1.6 | 85.5 | 84.2 |
| Kansas | 2,278 | 2,333 | -2.4 | 22,907 | 23,089 | -.8 | 66.9 | 73.6 |
| Minnesota | 2,415 | 2,338 | 3.3 | 26,010 | 26,726 | -2.7 | 67.5 | 68.4 |
| Missouri | 4,395 | 4,554 | -3.5 | 49,754 | 49,051 | 1.4 | 83.8 | 82.1 |
| Nebraska | 1,313 | 1,286 | 2.1 | 11,582 | 12,225 | -5.3 | 54.9 | 59.2 |
| North Dakota | 2,488 | 2,270 | 9.6 | 23,774 | 25,450 | -6.6 | 92.5 | 93.0 |
| South Dakota | 238 | 244 | -2.6 | 2,387 | 2,605 | -8.4 | 34.2 | 33.0 |
| South Atlantic | 32,225 | 29,451 | 9.4 | 332,022 | 323,188 | 2.7 | 61.3 | 61.4 |
| Delaware | 565 | 556 | 1.7 | 5,066 | 5,788 | -12.5 | 59.9 | 64.7 |
| District of Columbia | - | - | - | - | - | - | - | - |
| Florida | 5,202 | 4,864 | 7.0 | 59,436 | 57,516 | 3.3 | 47.8 | 46.4 |
| Georgia | 5,572 | 5,162 | 7.9 | 63,405 | 64,834 | -2.2 | 68.6 | 78.7 |
| Maryland | 2,101 | 1,639 | 28.2 | 23,627 | 23,318 | 1.3 | 66.1 | 57.7 |
| North Carolina | 5,379 | 4,825 | 11.5 | 50,524 | 46,090 | 9.6 | 58.0 | 58.8 |
| South Carolina | 2,248 | 2,485 | -9.5 | 23,800 | 23,485 | 1.3 | 35.5 | 36.0 |
| Virginia | 2,486 | 2,287 | 8.7 | 24,059 | 21,413 | 12.4 | 55.5 | 47.4 |
| West Virginia | 8,672 | 7,634 | 13.6 | 82,105 | 80,747 | 1.7 | 99.1 | 99.3 |
| East South Central | 16,911 | 15,809 | 7.0 | 173,863 | 185,856 | -6.5 | 71.4 | 81.2 |
| Alabama | 5,065 | 4,194 | 20.8 | 52,601 | 48,835 | 7.7 | 67.8 | 72.3 |
| Kentucky | 8,691 | 6,082 | 10.0 | 66,214 | 73,847 | -10.3 | 93.6 | 96.6 |
| Mississippi | 672 | 897 | -25.0 | 8,724 | 12,051 | -27.6 | 41.4 | 48.0 |
| Tennessee | 4,483 | 4,636 | -3.3 | 46,324 | 51,122 | -9.4 | 62.6 | 85.4 |
| West South Central | 16,361 | 15,193 | 7.7 | 179,374 | 175,455 | 2.2 | 49.4 | 49.3 |
| Arkansas | 2,055 | 1,733 | 18.6 | 18,604 | 19,876 | -6.4 | 55.7 | 58.9 |
| Louisiana | 1,201 | 1,740 | -31.0 | 18,081 | 18,431 | -1.9 | 34.3 | 32.5 |
| Oklahoma | 2,636 | 2,013 | 31.0 | 24,122 | 24,273 | -.6 | 54.2 | 55.1 |
| Texas | 10,468 | 9,707 | 7.8 | 118,566 | 112,876 | 5.0 | 51.0 | 51.0 |
| Mountain | 16,911 | 15,522 | 8.9 | 184,405 | 180,748 | 2.0 | 78.3 | 75.5 |
| Arizona | 2,817 | 1,835 | 53.5 | 32,364 | 28,391 | 14.0 | 60.9 | 46.1 |
| Colorado | 2,710 | 2,499 | 8.4 | 29,406 | 27,801 | 5.8 | 91.1 | 90.0 |
| Idaho | - | - | - | - | - | - | - | - |
| Montana | 1,593 | 1,556 | 2.4 | 16,129 | 16,462 | -2.0 | 62.5 | 66.3 |
| Nevada | 1,195 | 1,309 | -8.7 | 15,382 | 16,764 | -8.2 | 78.2 | 82.6 |
| New Mexico | 2,266 | 2,353 | -3.7 | 25,448 | 24,245 | 5.0 | 89.8 | 91.9 |
| Utah | 2,741 | 2,392 | 14.6 | 29,676 | 28,806 | 3.0 | 97.3 | 97.2 |
| Wyoming | 3,588 | 3,579 | .3 | 36,003 | 38,279 | -5.9 | 98.0 | 97.8 |
| Pacific Contiguous | 844 | 743 | 13.6 | 8,959 | 8,641 | 3.7 | 3.4 | 3.4 |
| California | - | - | - | - | - | - | - | - |
| Oregon | (¹) | -4 | (¹) | 440 | -30 | (¹) | 1.0 | -.1 |
| Washington | 844 | 747 | 13.0 | 8,519 | 8,670 | -1.7 | 9.9 | 10.4 |
| Pacific Noncontiguous | 31 | 28 | 18.6 | 302 | 316 | -4.4 | 2.4 | 2.7 |
| Alaska | 31 | 26 | 18.6 | 302 | 316 | -4.4 | 6.9 | 7.5 |
| Hawaii | - | - | - | - | - | - | - | - |
| U.S. Total | 147,030 | 136,427 | 7.8 | 1,551,384 | 1,540,663 | .7 | 55.8 | 57.0 |

(¹) For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

(¹) Percent change calculation not meaningful.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Consumption at Electric Utility Plants, December 1989
(Thousand Short Tons)

| Census Division and State | December 1989 | November 1989 | December 1988 | Year to Date | | |
|---------------------------------------|------------------|------------------|------------------|--------------|---------|-------------------|
| | | | | 1989 | 1988 | Percent Change |
| New England Total | 612 | 601 | 610 | 6,489 | 6,330 | 2.5 |
| Connecticut | 100 | 78 | 89 | 853 | 854 | -.1 |
| Massachusetts | 434 | 430 | 423 | 4,474 | 4,260 | 5.0 |
| New Hampshire | 78 | 94 | 99 | 1,182 | 1,217 | -4.5 |
| Rhode Island | (*) | (*) | (*) | (*) | (*) | - |
| Middle Atlantic Total | 5,454 | 4,775 | 5,086 | 56,642 | 55,059 | 2.9 |
| New Jersey | 268 | 175 | 329 | 3,244 | 2,773 | 17.0 |
| New York | 973 | 898 | 863 | 10,158 | 9,120 | 11.4 |
| Pennsylvania | 4,215 | 3,702 | 3,893 | 43,240 | 43,166 | .2 |
| East North Central Total | 15,801 | 13,415 | 14,133 | 166,493 | 163,462 | 1.9 |
| Illinois | 2,993 | 2,267 | 2,474 | 25,758 | 26,681 | -3.5 |
| Indiana | 4,197 | 3,510 | 3,687 | 42,428 | 40,060 | 5.9 |
| Michigan | 2,606 | 2,483 | 2,426 | 29,972 | 29,968 | (*) |
| Ohio | 4,370 | 3,561 | 4,062 | 50,480 | 48,893 | 3.2 |
| Wisconsin | 1,636 | 1,493 | 1,484 | 17,857 | 17,861 | (*) |
| West North Central Total | 9,686 | 8,270 | 9,373 | 100,450 | 101,097 | -.6 |
| Iowa | 1,360 | 1,044 | 1,258 | 14,575 | 13,921 | 4.7 |
| Kansas | 1,493 | 1,073 | 1,516 | 14,774 | 14,742 | .2 |
| Minnesota | 1,493 | 1,408 | 1,318 | 16,388 | 16,259 | .7 |
| Missouri | 2,134 | 2,030 | 2,292 | 24,612 | 24,356 | 1.1 |
| Nebraska | 828 | 592 | 808 | 7,303 | 7,744 | -5.7 |
| North Dakota | 2,154 | 1,927 | 1,954 | 20,538 | 21,886 | -5.3 |
| South Dakota | 228 | 198 | 230 | 2,281 | 2,388 | -4.5 |
| South Atlantic Total | 12,733 | 9,891 | 11,596 | 132,289 | 128,628 | 2.8 |
| Delaware | 235 | 181 | 229 | 2,128 | 2,420 | -12.1 |
| Florida | 2,085 | 1,770 | 1,973 | 24,297 | 23,528 | 3.3 |
| Georgia | 2,228 | 1,574 | 2,096 | 25,839 | 26,513 | -2.5 |
| Maryland | 812 | 650 | 826 | 9,074 | 9,020 | .6 |
| North Carolina | 2,095 | 1,571 | 1,837 | 19,516 | 17,786 | 9.9 |
| South Carolina | 906 | 570 | 970 | 9,472 | 9,210 | 2.9 |
| Virginia | 988 | 880 | 900 | 9,573 | 8,469 | 13.0 |
| West Virginia | 3,384 | 2,895 | 2,963 | 32,391 | 31,704 | 2.2 |
| East South Central Total | 7,179 | 5,786 | 6,612 | 73,567 | 77,889 | -5.3 |
| Alabama | 2,099 | 1,734 | 1,711 | 21,609 | 20,002 | 8.0 |
| Kentucky | 2,940 | 2,312 | 2,631 | 29,109 | 31,818 | -8.5 |
| Mississippi | 267 | 237 | 365 | 3,566 | 4,859 | -26.6 |
| Tennessee | 1,872 | 1,502 | 1,905 | 19,283 | 21,010 | -8.2 |
| West South Central Total | 11,158 | 9,448 | 10,502 | 123,993 | 121,919 | 1.7 |
| Arkansas | 1,240 | 1,126 | 1,054 | 11,278 | 12,295 | -9.3 |
| Louisiana | 747 | 719 | 1,180 | 11,770 | 12,301 | -4.3 |
| Oklahoma | 1,558 | 1,109 | 1,178 | 14,423 | 14,435 | -.1 |
| Texas | 7,615 | 6,494 | 7,090 | 88,523 | 82,889 | 4.4 |
| Mountain Total | 9,064 | 8,220 | 8,543 | 99,532 | 98,351 | 1.2 |
| Arizona | 1,385 | 1,274 | 910 | 18,044 | 13,932 | 15.2 |
| Colorado | 1,434 | 1,285 | 1,351 | 15,686 | 15,087 | 4.0 |
| Montana | 1,012 | 868 | 986 | 10,208 | 10,410 | -1.9 |
| Nevada | 569 | 503 | 652 | 7,487 | 8,153 | -8.2 |
| New Mexico | 1,284 | 1,209 | 1,393 | 15,250 | 14,661 | 4.0 |
| Utah | 1,206 | 959 | 1,063 | 12,949 | 12,544 | 3.2 |
| Wyoming | 2,174 | 2,142 | 2,187 | 21,908 | 23,563 | -7.0 |
| Pacific Total | 581 | 542 | 492 | 6,118 | 5,837 | 4.8 |
| Oregon | (*) | (*) | (*) | 306 | (*) | - |
| Washington | 552 | 515 | 468 | 5,514 | 5,581 | -.8 |
| Alaska | 29 | 27 | 25 | 299 | 276 | 8.2 |
| U.S. Total | 72,267 | 60,946 | 66,948 | 765,574 | 758,372 | .9 |

(*) For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Stocks at Electric Utility Plants, December 1989
(Thousand Short Tons)

| Census Division and State | December 31, 1989 | November 30, 1989 | December 31, 1988 | Percent Change December 31: 1989 versus 1988 |
|---------------------------------------|-------------------|-------------------|-------------------|--|
| New England Total | 1,058 | 1,116 | 1,110 | -4.6 |
| Connecticut | 145 | 186 | (*) | - |
| Massachusetts | 642 | 662 | 737 | -13.0 |
| New Hampshire | 243 | 240 | 344 | -29.4 |
| Rhode Island | 28 | 28 | 28 | (*) |
| Middle Atlantic Total | 12,934 | 13,997 | 13,757 | -6.0 |
| New Jersey | 632 | 656 | 528 | 19.8 |
| New York | 1,233 | 1,393 | 1,432 | -13.9 |
| Pennsylvania | 11,069 | 11,948 | 11,799 | -6.2 |
| East North Central Total | 34,948 | 37,466 | 39,549 | -11.6 |
| Illinois | 8,204 | 9,115 | 9,179 | -10.6 |
| Indiana | 8,043 | 8,512 | 9,997 | -19.5 |
| Michigan | 8,185 | 8,830 | 8,991 | -9.0 |
| Ohio | 6,607 | 6,738 | 7,218 | -8.5 |
| Wisconsin | 3,909 | 4,272 | 4,165 | -8.1 |
| West North Central Total | 19,390 | 21,079 | 19,950 | -2.8 |
| Iowa | 4,044 | 4,560 | 4,456 | -9.2 |
| Kansas | 3,266 | 3,704 | 3,300 | -1.0 |
| Minnesota | 1,977 | 2,214 | 2,579 | -23.4 |
| Missouri | 4,384 | 4,791 | 4,541 | -3.4 |
| Nebraska | 1,685 | 1,762 | 1,593 | 5.7 |
| North Dakota | 3,731 | 3,748 | 3,186 | 17.8 |
| South Dakota | 303 | 300 | 314 | -3.4 |
| South Atlantic Total | 20,493 | 23,774 | 23,741 | -13.7 |
| Delaware | 259 | 346 | 498 | -47.9 |
| Florida | 4,383 | 4,591 | 4,804 | -8.8 |
| Georgia | 5,040 | 5,493 | 5,288 | -4.7 |
| Maryland | 1,046 | 1,204 | 1,476 | -29.1 |
| North Carolina | 2,795 | 3,599 | 3,727 | -25.0 |
| South Carolina | 1,873 | 2,119 | 1,661 | 12.8 |
| Virginia | 1,368 | 1,714 | 1,211 | 12.9 |
| West Virginia | 3,729 | 4,709 | 5,077 | -26.5 |
| East South Central Total | 11,651 | 13,078 | 13,351 | -12.7 |
| Alabama | 3,721 | 4,174 | 4,462 | -16.6 |
| Kentucky | 4,299 | 4,785 | 4,124 | 4.3 |
| Mississippi | 754 | 797 | 870 | -13.2 |
| Tennessee | 2,875 | 3,322 | 3,895 | -26.2 |
| West South Central Total | 16,917 | 17,725 | 16,272 | 4.0 |
| Arkansas | 2,134 | 2,501 | 1,899 | 12.4 |
| Louisiana | 2,627 | 2,595 | 2,772 | -5.2 |
| Oklahoma | 2,826 | 3,102 | 2,678 | 5.5 |
| Texas | 9,329 | 9,527 | 8,922 | 4.6 |
| Mountain Total | 17,035 | 17,430 | 17,079 | -3.3 |
| Arizona | 3,367 | 3,586 | 4,187 | -19.6 |
| Colorado | 3,921 | 3,954 | 3,783 | 4.2 |
| Montana | 813 | 879 | 913 | -10.9 |
| Nevada | 893 | 925 | 1,434 | -30.8 |
| New Mexico | 1,403 | 1,327 | 1,392 | .8 |
| Utah | 3,202 | 3,408 | 2,772 | 15.5 |
| Wyoming | 3,337 | 3,352 | 2,619 | 27.4 |
| Pacific Total | 1,469 | 1,465 | 1,698 | -13.5 |
| Oregon | 480 | 480 | 786 | -38.9 |
| Washington | 866 | 982 | 910 | 8.4 |
| Alaska | 3 | 3 | 3 | -3.4 |
| U.S. Total | 135,894 | 147,131 | 146,507 | -7.2 |

(*) For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 8. Coal Receipts at Electric Utility Plants, November 1989
(Thousand Short Tons)

| Census Division and State | November 1989 | October 1989 | November 1988 | Year to Date | | |
|---------------------------------------|------------------|-----------------|------------------|----------------|----------------|-------------------|
| | | | | 1989 | 1988 | Percent Change |
| New England Total | 552 | 674 | 580 | 5,782 | 5,826 | -0.8 |
| Connecticut | 109 | 95 | 73 | 816 | 770 | 6.0 |
| Massachusetts | 329 | 447 | 355 | 3,982 | 3,930 | 1.3 |
| New Hampshire | 114 | 132 | 152 | 983 | 1,126 | -12.7 |
| Middle Atlantic Total | 4,984 | 5,256 | 4,607 | 51,479 | 46,641 | 10.4 |
| New Jersey | 296 | 335 | 246 | 3,077 | 2,193 | 40.3 |
| New York | 918 | 936 | 776 | 9,105 | 7,771 | 17.2 |
| Pennsylvania | 3,771 | 3,985 | 3,585 | 39,297 | 36,676 | 7.1 |
| East North Central Total | 14,627 | 15,166 | 13,624 | 148,463 | 142,139 | 4.4 |
| Illinois | 2,256 | 2,291 | 2,187 | 22,992 | 24,643 | -6.7 |
| Indiana | 4,101 | 4,169 | 3,373 | 36,868 | 32,967 | 11.8 |
| Michigan | 2,815 | 3,166 | 2,784 | 26,971 | 26,401 | 2.2 |
| Ohio | 4,067 | 3,944 | 3,679 | 45,315 | 41,852 | 8.3 |
| Wisconsin | 1,387 | 1,596 | 1,622 | 16,317 | 16,278 | .2 |
| West North Central Total | 8,940 | 8,470 | 8,795 | 92,809 | 90,335 | 2.7 |
| Iowa | 1,285 | 1,301 | 1,069 | 13,447 | 12,833 | 4.8 |
| Kansas | 1,291 | 951 | 1,360 | 13,681 | 13,447 | 1.7 |
| Minnesota | 1,451 | 1,716 | 1,427 | 14,718 | 14,005 | 5.1 |
| Missouri | 2,219 | 2,268 | 2,211 | 23,112 | 21,802 | 6.0 |
| Nebraska | 649 | 529 | 589 | 6,720 | 6,713 | .1 |
| North Dakota | 1,855 | 1,600 | 1,966 | 19,280 | 19,590 | -1.6 |
| South Dakota | 191 | 105 | 183 | 1,850 | 1,945 | -4.9 |
| South Atlantic Total | 11,295 | 11,960 | 10,222 | 118,795 | 110,805 | 7.2 |
| Delaware | 235 | 188 | 184 | 1,770 | 2,346 | -24.6 |
| Florida | 1,992 | 2,055 | 1,989 | 21,487 | 22,052 | -2.6 |
| Georgia | 2,303 | 2,248 | 2,075 | 23,598 | 23,248 | 1.5 |
| Maryland | 629 | 626 | 847 | 7,876 | 8,019 | -1.8 |
| North Carolina | 1,614 | 1,835 | 1,377 | 17,080 | 15,525 | 10.0 |
| South Carolina | 784 | 1,042 | 846 | 9,158 | 8,259 | 10.9 |
| Virginia | 886 | 878 | 740 | 9,106 | 6,489 | 40.3 |
| West Virginia | 2,842 | 3,089 | 2,163 | 28,720 | 24,927 | 15.2 |
| East South Central Total | 6,421 | 6,612 | 6,180 | 68,054 | 67,633 | .6 |
| Alabama | 1,947 | 1,881 | 1,626 | 19,658 | 18,403 | 6.8 |
| Kentucky | 2,625 | 2,828 | 2,696 | 28,293 | 26,472 | 6.9 |
| Mississippi | 259 | 350 | 280 | 3,229 | 4,585 | -29.6 |
| Tennessee | 1,590 | 1,553 | 1,578 | 16,874 | 18,173 | -7.1 |
| West South Central Total | 9,832 | 9,405 | 9,115 | 112,058 | 107,034 | 4.7 |
| Arkansas | 890 | 1,065 | 1,037 | 10,594 | 10,762 | -1.6 |
| Louisiana | 953 | 924 | 1,108 | 10,814 | 10,994 | -1.6 |
| Oklahoma | 1,221 | 1,117 | 1,171 | 13,354 | 12,285 | 8.7 |
| Texas | 6,768 | 6,299 | 5,799 | 77,295 | 72,993 | 5.9 |
| Mountain Total | 8,447 | 8,575 | 8,430 | 90,028 | 88,443 | 1.8 |
| Arizona | 1,239 | 1,492 | 1,149 | 14,052 | 12,930 | 8.7 |
| Colorado | 1,234 | 1,255 | 1,368 | 14,351 | 13,516 | 6.2 |
| Montana | 933 | 928 | 973 | 9,257 | 9,508 | -2.8 |
| Nevada | 488 | 369 | 640 | 6,431 | 7,307 | -12.0 |
| New Mexico | 1,278 | 1,264 | 1,157 | 13,881 | 13,011 | 6.7 |
| Utah | 1,163 | 1,266 | 1,054 | 12,385 | 11,334 | 9.3 |
| Wyoming | 2,114 | 2,001 | 2,089 | 19,671 | 20,837 | -5.6 |
| Pacific Total | 472 | 459 | 463 | 5,122 | 5,372 | -4.6 |
| Oregon | - | - | - | - | 235 | - |
| Washington | 472 | 459 | 463 | 5,122 | 5,137 | -.3 |
| U.S. Total | 65,570 | 66,578 | 62,015 | 692,588 | 664,288 | 4.3 |

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Quality and Price of Coal Receipts at Electric Utility Plants,
November 1989**

| Census Division and State | November 1989 | | November 1988 | | Year to Date | | | | | |
|------------------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|
| | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | 1989 | | 1988 | | Percent Change | |
| | | | | | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu |
| New England | 0.49 | 175 | 0.55 | 167 | 0.48 | 170 | 0.50 | 174 | -3.95 | -2 |
| Connecticut | .21 | 211 | .20 | 212 | .20 | 214 | .20 | 230 | 1.8 | -6.9 |
| Massachusetts | .51 | 161 | .48 | 158 | .47 | 160 | .46 | 161 | 3.1 | -.9 |
| New Hampshire | .69 | 179 | .87 | 168 | .76 | 172 | .86 | 179 | -12.0 | -3.7 |
| Mid Atlantic | .78 | 150 | .82 | 148 | .78 | 149 | .82 | 149 | -4.16 | 0 |
| New Jersey | .47 | 179 | .44 | 172 | .44 | 175 | .47 | 172 | -7.9 | 2.1 |
| New York | .64 | 158 | .70 | 154 | .65 | 157 | .68 | 158 | -3.4 | -.6 |
| Pennsylvania | .84 | 146 | .88 | 145 | .84 | 144 | .87 | 145 | -3.1 | -.6 |
| East North Central | .80 | 153 | .80 | 156 | .83 | 154 | .82 | 161 | 1.40 | -4 |
| Illinois | .86 | 179 | .88 | 186 | .94 | 182 | .90 | 191 | 4.5 | -4.8 |
| Indiana | .91 | 133 | 1.01 | 139 | 1.05 | 136 | 1.05 | 144 | -.5 | -5.5 |
| Michigan | .30 | 165 | .29 | 171 | .30 | 172 | .31 | 176 | -4.1 | -1.9 |
| Ohio | 1.07 | 153 | 1.07 | 150 | 1.04 | 148 | 1.04 | 153 | .3 | -3.0 |
| Wisconsin | .42 | 144 | .42 | 142 | .44 | 145 | .47 | 147 | -4.8 | -1.6 |
| West North Central | .61 | 111 | .60 | 110 | .58 | 115 | .59 | 116 | -.84 | -1 |
| Iowa | .41 | 119 | .42 | 124 | .45 | 123 | .45 | 125 | -.9 | -1.9 |
| Kansas | .38 | 126 | .37 | 119 | .36 | 124 | .39 | 124 | -7.8 | -.5 |
| Minnesota | .28 | 111 | .32 | 102 | .29 | 121 | .34 | 122 | -14.3 | -.6 |
| Missouri | 1.11 | 131 | 1.08 | 134 | 1.01 | 135 | 1.01 | 139 | .0 | -2.7 |
| Nebraska | .21 | 72 | .21 | 76 | .21 | 84 | .21 | 85 | -1.6 | -1.1 |
| North Dakota | .58 | 68 | .53 | 68 | .55 | 69 | .53 | 70 | 4.6 | -1.5 |
| South Dakota | .73 | 123 | .82 | 122 | .73 | 124 | .71 | 121 | 2.8 | 2.3 |
| South Atlantic | .61 | 166 | .59 | 167 | .60 | 165 | .60 | 167 | -.45 | -1 |
| Delaware | .43 | 176 | .41 | 176 | .40 | 179 | .42 | 181 | -3.5 | -1.0 |
| Florida | .68 | 178 | .70 | 177 | .71 | 179 | .70 | 178 | .9 | .6 |
| Georgia | .71 | 175 | .70 | 175 | .69 | 176 | .70 | 174 | -1.2 | .8 |
| Maryland | .62 | 164 | .56 | 156 | .56 | 161 | .57 | 158 | -1.6 | 1.9 |
| North Carolina | .36 | 180 | .36 | 181 | .37 | 177 | .37 | 177 | -.4 | -.3 |
| South Carolina | .43 | 168 | .45 | 180 | .44 | 171 | .47 | 176 | -5.2 | -3.1 |
| Virginia | .39 | 160 | .37 | 153 | .37 | 154 | .36 | 156 | 3.9 | -1.1 |
| West Virginia | .74 | 144 | .72 | 144 | .74 | 142 | .72 | 144 | 2.8 | -1.5 |
| East South Central | .93 | 145 | .89 | 145 | .92 | 143 | .86 | 149 | 7.03 | -4 |
| Alabama | .65 | 189 | .61 | 198 | .69 | 187 | .62 | 194 | 11.5 | -3.9 |
| Kentucky | 1.22 | 115 | 1.13 | 114 | 1.19 | 114 | 1.10 | 120 | 7.8 | -5.7 |
| Mississippi | .63 | 163 | .52 | 162 | .61 | 167 | .55 | 182 | 11.7 | -8.2 |
| Tennessee | .87 | 136 | .88 | 136 | .84 | 134 | .87 | 133 | -3.3 | .6 |
| West South Central | .42 | 145 | .38 | 163 | .40 | 148 | .39 | 150 | 3.76 | -1 |
| Arkansas | .19 | 167 | .21 | 170 | .19 | 163 | .20 | 160 | -4.0 | 1.9 |
| Louisiana | .27 | 163 | .33 | 162 | .29 | 162 | .31 | 155 | -6.9 | 4.5 |
| Oklahoma | .27 | 130 | .24 | 142 | .25 | 137 | .25 | 149 | 2.5 | -8.4 |
| Texas | .51 | 142 | .46 | 168 | .49 | 146 | .47 | 147 | 5.0 | -1.1 |
| Mountain | .28 | 111 | .28 | 107 | .28 | 112 | .28 | 110 | .19 | 2 |
| Arizona | .24 | 134 | .23 | 136 | .23 | 137 | .24 | 141 | -2.1 | -2.7 |
| Colorado | .20 | 104 | .20 | 106 | .19 | 107 | .19 | 107 | -.9 | -.2 |
| Montana | .36 | 72 | .42 | 59 | .39 | 58 | .39 | 55 | -.1 | 6.2 |
| Nevada | .23 | 188 | .23 | 128 | .23 | 150 | .23 | 136 | 3.4 | 9.7 |
| New Mexico | .43 | 124 | .42 | 115 | .43 | 124 | .42 | 118 | 2.4 | 5.3 |
| Utah | .24 | 119 | .22 | 128 | .21 | 124 | .21 | 125 | 1.7 | -1.1 |
| Wyoming | .28 | 80 | .29 | 82 | .30 | 85 | .30 | 84 | -.5 | .4 |
| Pacific | .36 | 160 | .44 | 161 | .41 | 156 | .39 | 154 | 4.63 | 1 |
| Oregon | - | - | - | - | - | - | .19 | 139 | - | - |
| Washington | .36 | 160 | .44 | 161 | .41 | 156 | .40 | 155 | 2.2 | .6 |
| U.S. Total | .64 | 144 | .63 | 148 | .64 | 145 | .63 | 147 | 1.19 | -2 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, November 1989

| Census Division and State | November 1989 | | November 1988 | | Year to Date | | | | | |
|------------------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|
| | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | 1989 | | 1988 | | Percent Change | |
| | | | | | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu |
| New England | 0.48 | 174 | 0.43 | 166 | 0.43 | 170 | 0.43 | 175 | -0.02 | -3 |
| Connecticut | .21 | 211 | .20 | 217 | .20 | 218 | .20 | 231 | 1.1 | -5.7 |
| Massachusetts | .50 | 158 | .48 | 155 | .47 | 158 | .45 | 160 | 4.2 | -1.0 |
| New Hampshire | .81 | 168 | - | - | .75 | 170 | .81 | 199 | -8.2 | -14.4 |
| Mid Atlantic | .82 | 155 | .86 | 154 | .82 | 154 | .85 | 155 | -3.78 | 0 |
| New Jersey | .48 | 178 | .45 | 172 | .46 | 176 | .48 | 172 | -4.4 | 2.1 |
| New York | .63 | 161 | .67 | 162 | .63 | 162 | .65 | 167 | -2.6 | -3.0 |
| Pennsylvania | .90 | 151 | .93 | 151 | .89 | 150 | .91 | 151 | -2.3 | -7 |
| East North Central | .82 | 162 | .82 | 165 | .84 | 184 | .85 | 170 | -.63 | -4 |
| Illinois | 1.00 | 182 | .89 | 191 | .96 | 187 | .90 | 196 | 6.2 | -4.5 |
| Indiana | .95 | 140 | 1.04 | 143 | 1.07 | 143 | 1.08 | 149 | -.8 | -4.6 |
| Michigan | .28 | 171 | .28 | 176 | .29 | 178 | .30 | 184 | -3.0 | -3.5 |
| Ohio | 1.09 | 170 | 1.19 | 168 | 1.09 | 165 | 1.12 | 170 | -2.6 | -3.2 |
| Wisconsin | .44 | 143 | .44 | 140 | .46 | 145 | .48 | 148 | -4.3 | -1.9 |
| West North Central | .63 | 113 | .61 | 112 | .57 | 118 | .58 | 117 | -1.77 | -1 |
| Iowa | .34 | 135 | .35 | 126 | .39 | 130 | .41 | 129 | -4.5 | 1.1 |
| Kansas | .35 | 126 | .28 | 127 | .30 | 126 | .36 | 126 | -15.1 | -3 |
| Minnesota | .27 | 110 | .30 | 101 | .29 | 121 | .34 | 122 | -14.7 | -4 |
| Missouri | 1.18 | 135 | 1.12 | 137 | 1.04 | 137 | 1.05 | 142 | -.9 | -3.2 |
| Nebraska | .20 | 76 | .21 | 81 | .21 | 87 | .21 | 86 | -.8 | 1.9 |
| North Dakota | .58 | 68 | .53 | 68 | .55 | 70 | .53 | 70 | 4.7 | -.9 |
| South Dakota | .73 | 123 | .82 | 122 | .73 | 124 | .75 | 122 | -2.6 | 1.4 |
| South Atlantic | .60 | 175 | .60 | 173 | .60 | 174 | .60 | 173 | .24 | 0 |
| Delaware | .40 | 183 | .41 | 178 | .39 | 181 | .43 | 184 | -8.3 | -1.8 |
| Florida | .64 | 189 | .68 | 184 | .65 | 189 | .65 | 189 | -.3 | .1 |
| Georgia | .72 | 181 | .70 | 178 | .72 | 182 | .73 | 179 | -1.4 | 1.8 |
| Maryland | .61 | 166 | .58 | 160 | .59 | 163 | .57 | 161 | 3.0 | 1.0 |
| North Carolina | .36 | 185 | .38 | 181 | .37 | 181 | .36 | 180 | .2 | .5 |
| South Carolina | .41 | 177 | .46 | 189 | .45 | 179 | .47 | 187 | -6.0 | -4.2 |
| Virginia | .37 | 156 | .34 | 160 | .37 | 154 | .34 | 159 | 8.2 | -3.2 |
| West Virginia | .73 | 158 | .71 | 151 | .75 | 155 | .72 | 151 | 4.1 | 2.3 |
| East South Central | .95 | 155 | .90 | 157 | .93 | 155 | .91 | 159 | 2.16 | -3 |
| Alabama | .57 | 209 | .62 | 201 | .62 | 202 | .60 | 205 | 3.5 | -1.5 |
| Kentucky | 1.36 | 119 | 1.28 | 125 | 1.34 | 121 | 1.31 | 129 | 2.5 | -6.3 |
| Mississippi | .53 | 170 | .47 | 165 | .54 | 175 | .53 | 184 | 2.4 | -10.0 |
| Tennessee | .88 | 140 | .91 | 140 | .86 | 139 | .89 | 137 | -3.2 | 1.4 |
| West South Central | .43 | 147 | .38 | 157 | .40 | 146 | .39 | 150 | 3.15 | -3 |
| Arkansas | .19 | 167 | .21 | 170 | .19 | 163 | .20 | 161 | -2.4 | 1.5 |
| Louisiana | .27 | 163 | .33 | 162 | .29 | 163 | .31 | 158 | -8.6 | 2.8 |
| Oklahoma | .24 | 134 | .23 | 142 | .24 | 138 | .23 | 149 | 2.9 | -7.1 |
| Texas | .53 | 143 | .45 | 157 | .50 | 142 | .47 | 147 | 5.6 | -3.6 |
| Mountain | .29 | 112 | .28 | 107 | .28 | 113 | .28 | 111 | 1.03 | 2 |
| Arizona | .24 | 134 | .23 | 136 | .23 | 137 | .24 | 141 | -2.1 | -2.7 |
| Colorado | .19 | 104 | .20 | 109 | .19 | 108 | .19 | 110 | -2.0 | -1.9 |
| Montana | .38 | 72 | .42 | 59 | .39 | 58 | .39 | 55 | -.1 | 5.2 |
| Nevada | .23 | 188 | .23 | 128 | .23 | 150 | .23 | 136 | 3.4 | 9.7 |
| New Mexico | .43 | 124 | .42 | 115 | .43 | 124 | .42 | 118 | 2.4 | 5.3 |
| Utah | .24 | 121 | .22 | 129 | .21 | 126 | .21 | 128 | 1.8 | -1.4 |
| Wyoming | .29 | 82 | .29 | 82 | .31 | 87 | .30 | 84 | 2.7 | 2.7 |
| Pacific | .39 | 166 | .44 | 161 | .44 | 162 | .40 | 159 | 9.06 | 2 |
| Oregon | - | - | - | - | - | - | .20 | 139 | - | - |
| Washington | .39 | 166 | .44 | 161 | .44 | 162 | .41 | 160 | 6.5 | 1.0 |
| U.S. Total | .64 | 148 | .62 | 149 | .63 | 149 | .63 | 151 | .03 | -1 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, November 1989

| Census Division and State | November 1989 | | November 1988 | | Year to Date | | | | | |
|------------------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|
| | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | 1989 | | 1988 | | Percent Change | |
| | | | | | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu |
| New England | 0.51 | 180 | 0.72 | 170 | 0.59 | 170 | 0.68 | 171 | -13.44 | -1 |
| Connecticut | - | - | .20 | 187 | .21 | 180 | .20 | 183 | 7.9 | -1.5 |
| Massachusetts | .54 | 169 | .48 | 169 | .47 | 166 | .48 | 168 | -1.3 | -1.2 |
| New Hampshire | .46 | 201 | .87 | 168 | .76 | 173 | .87 | 173 | -13.2 | -3 |
| Mid Atlantic | .68 | 139 | .70 | 133 | .68 | 134 | .70 | 129 | -2.47 | 4 |
| New Jersey | .42 | 184 | .31 | 169 | .37 | 174 | .45 | 169 | -17.9 | 2.7 |
| New York | .66 | 152 | .74 | 143 | .69 | 147 | .72 | 143 | -3.8 | 2.7 |
| Pennsylvania | .70 | 131 | .70 | 127 | .70 | 127 | .70 | 121 | .0 | 4.6 |
| East North Central | .74 | 128 | .70 | 125 | .79 | 121 | .71 | 124 | 11.68 | -2 |
| Illinois | .57 | 152 | .78 | 124 | .71 | 126 | .81 | 120 | -12.3 | 5.1 |
| Indiana | .78 | 113 | .89 | 120 | .96 | 110 | .93 | 115 | 3.9 | -4.5 |
| Michigan | .34 | 152 | .35 | 152 | .32 | 147 | .34 | 148 | -4.9 | -4 |
| Ohio | 1.03 | 116 | .84 | 110 | .92 | 115 | .83 | 113 | 10.9 | 1.6 |
| Wisconsin | .23 | 159 | .26 | 152 | .35 | 144 | .35 | 142 | -1.7 | 1.1 |
| West North Central | .51 | 99 | .56 | 99 | .63 | 106 | .60 | 104 | 4.27 | 2 |
| Iowa | .49 | 102 | .87 | 112 | .59 | 103 | .75 | 98 | -21.2 | 4.7 |
| Kansas | 1.05 | 123 | .59 | 100 | .74 | 109 | .65 | 109 | 14.8 | .0 |
| Minnesota | .35 | 113 | .49 | 117 | .39 | 116 | .49 | 119 | -20.5 | -2.7 |
| Missouri | .75 | 110 | .63 | 102 | .81 | 120 | .61 | 107 | 32.6 | 12.5 |
| Nebraska | .22 | 67 | .20 | 66 | .19 | 68 | .20 | 75 | -1.4 | -9.6 |
| North Dakota | - | - | - | - | .50 | 48 | .24 | 94 | 107.0 | -49.3 |
| South Dakota | - | - | - | - | - | - | .36 | 112 | - | - |
| South Atlantic | .62 | 144 | .59 | 136 | .60 | 142 | .62 | 139 | -3.04 | 2 |
| Delaware | .50 | 162 | .42 | 172 | .47 | 162 | .38 | 170 | 24.1 | -4.9 |
| Florida | .81 | 142 | .81 | 130 | .90 | 143 | .87 | 140 | 4.2 | 2.4 |
| Georgia | .67 | 157 | .68 | 144 | .62 | 156 | .58 | 148 | 10.8 | 5.3 |
| Maryland | .63 | 156 | .50 | 146 | .50 | 156 | .56 | 145 | -10.8 | 7.6 |
| North Carolina | .37 | 159 | - | - | .37 | 153 | .41 | 135 | -10.0 | 13.7 |
| South Carolina | .46 | 157 | .44 | 152 | .44 | 156 | .46 | 152 | -3.3 | 3.0 |
| Virginia | .42 | 166 | .40 | 147 | .37 | 155 | .38 | 151 | -2.9 | 2.5 |
| West Virginia | .76 | 109 | .77 | 104 | .72 | 106 | .72 | 103 | -5 | 2.9 |
| East South Central | .89 | 119 | .87 | 104 | .91 | 110 | .71 | 114 | 26.74 | -4 |
| Alabama | .84 | 139 | .47 | 133 | .96 | 124 | .72 | 122 | 32.3 | 1.8 |
| Kentucky | .93 | 106 | .94 | 99 | .94 | 102 | .73 | 105 | 29.5 | -2.7 |
| Mississippi | 1.07 | 133 | 1.03 | 133 | .91 | 137 | .58 | 161 | 57.0 | -15.3 |
| Tennessee | .80 | 117 | .68 | 114 | .72 | 114 | .68 | 109 | 5.3 | 4.4 |
| West South Central | .29 | 118 | .52 | 196 | .42 | 172 | .36 | 148 | 14.37 | 16 |
| Arkansas | - | - | - | - | - | - | .41 | 118 | - | - |
| Louisiana | - | - | - | - | .43 | 131 | .28 | 123 | 53.1 | 6.7 |
| Oklahoma | .43 | 112 | .52 | 148 | .37 | 122 | .38 | 151 | -1.5 | -18.8 |
| Texas | .19 | 123 | .52 | 198 | .42 | 185 | .38 | 159 | 11.2 | 16.9 |
| Mountain | .21 | 91 | .19 | 87 | .20 | 89 | .20 | 79 | .35 | 13 |
| Colorado | .21 | 103 | .19 | 86 | .19 | 98 | .18 | 80 | 8.1 | 22.5 |
| Utah | .23 | 105 | .21 | 96 | .24 | 104 | .28 | 82 | -7.8 | 27.3 |
| Wyoming | .19 | 59 | - | - | .19 | 62 | .20 | 46 | -3.6 | 38.8 |
| Pacific | .19 | 127 | - | - | .23 | 120 | .27 | 106 | -16.23 | 13 |
| Oregon | - | - | - | - | - | - | .17 | 140 | - | - |
| Washington | .19 | 127 | - | - | .23 | 120 | .28 | 104 | -17.6 | 15.2 |
| U.S. Total | .66 | 129 | .67 | 129 | .68 | 128 | .65 | 126 | 5.08 | 1 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, November 1989

| State | 0-0.60 lbs sulfur per MM Btu | | 0.61-1.67 lbs sulfur per MM Btu | | > 1.67 lbs. sulfur per MM Btu | | Total | | | Percent Change vs prior year | | |
|---------------------|--------------------------------|------------------|---------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|------------------------|------------------------------|-------|---------|
| | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Lbs. sulfur per MM Btu | Quantity | Price | Quality |
| Alabama | 377 | 254 | 698 | 185 | 380 | 173 | 1,454 | 200 | 0.57 | 12.7 | -0.8 | 4.6 |
| Arizona | 867 | 115 | - | - | - | - | 867 | 115 | .23 | -16.7 | 18.4 | .6 |
| Colorado | 1,308 | 149 | - | - | - | - | 1,308 | 149 | .20 | 3.1 | 5.5 | 4.8 |
| Illinois | - | - | 887 | 174 | 3,509 | 151 | 4,396 | 156 | 1.20 | -3.6 | -1.5 | 2.4 |
| Indiana | 62 | 151 | 328 | 128 | 2,076 | 120 | 2,466 | 122 | 1.15 | 10.3 | -.7 | 6.1 |
| Iowa | - | - | - | - | 5 | 159 | 5 | 159 | 1.71 | -16.7 | 15.0 | 33.8 |
| Kansas | - | - | - | - | 95 | 138 | 95 | 138 | 2.16 | 284.9 | 7.1 | 61.1 |
| Kentucky | 1,514 | 176 | 5,887 | 170 | 3,485 | 121 | 10,886 | 156 | .74 | 7.0 | .0 | 2.8 |
| Louisiana | - | - | 321 | 124 | - | - | 321 | 124 | .36 | 30.1 | -1.7 | -18.0 |
| Maryland | - | - | 212 | 152 | 15 | 111 | 227 | 150 | .65 | 5.3 | 1.6 | 5.0 |
| Missouri | - | - | - | - | 354 | 119 | 354 | 119 | 2.36 | 3.0 | -1.7 | 8.3 |
| Montana | 1,429 | 165 | 1,752 | 95 | - | - | 3,182 | 128 | .28 | -2.7 | 4.3 | -13.4 |
| New Mexico | 401 | 186 | 1,390 | 129 | - | - | 1,791 | 143 | .38 | 9.3 | 3.8 | 3.8 |
| North Dakota | - | - | 2,046 | 73 | - | - | 2,046 | 73 | .59 | -4.3 | 1.2 | 7.2 |
| Ohio | 2 | 122 | 235 | 142 | 2,466 | 163 | 2,702 | 161 | 1.43 | 4.9 | 2.2 | 1.3 |
| Oklahoma | 18 | 165 | 56 | 145 | 33 | 124 | 107 | 142 | .81 | 8.8 | .6 | -17.4 |
| Pennsylvania | 144 | 160 | 3,181 | 151 | 913 | 140 | 4,238 | 149 | .70 | 11.7 | .0 | -2.8 |
| Tennessee | 55 | 138 | 297 | 153 | 56 | 117 | 408 | 146 | .55 | 31.4 | 2.1 | 10.9 |
| Texas | - | - | 3,031 | 104 | 921 | 117 | 3,951 | 107 | .81 | 28.1 | -25.6 | 3.3 |
| Utah | 1,070 | 113 | 138 | 147 | - | - | 1,208 | 117 | .24 | 13.2 | -4.1 | 10.2 |
| Virginia | 200 | 185 | 1,134 | 169 | 15 | 132 | 1,349 | 171 | .45 | -2.3 | 3.3 | 1.9 |
| Washington | - | - | 405 | 165 | - | - | 405 | 165 | .39 | 1.0 | -1.2 | -18.4 |
| West Virginia | 1,922 | 178 | 3,503 | 156 | 2,051 | 136 | 7,412 | 156 | .62 | 7.5 | 1.1 | -.2 |
| Wyoming | 14,020 | 131 | 487 | 93 | - | - | 14,507 | 130 | .21 | 3.0 | -5.2 | -6.7 |
| Imported | 63 | 169 | 46 | 175 | - | - | 109 | 172 | .28 | 21.8 | 1.4 | -11.9 |
| U.S. Total | 23,452 | 146 | 25,834 | 147 | 16,375 | 139 | 65,570 | 144 | .64 | 5.7 | -.9 | 1.7 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-November 1989

| State | 0-0.60 lbs sulfur per MM Btu | | 0.61-1.67 lbs sulfur per MM Btu | | > 1.67 lbs. sulfur per MM Btu | | Total | | | Percent Change vs prior year | | |
|---------------------|--------------------------------|------------------|---------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|------------------------|------------------------------|-------|---------|
| | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Lbs. sulfur per MM Btu | Quantity | Price | Quality |
| Alabama | 2,675 | 258 | 8,227 | 184 | 2,928 | 193 | 13,711 | 201 | 0.56 | 0.9 | -1.7 | 5.4 |
| Arizona | 10,928 | 105 | - | - | - | - | 10,928 | 105 | .23 | -1.7 | 6.0 | .1 |
| Colorado | 12,660 | 141 | 37 | 108 | 9 | 108 | 12,708 | 141 | .19 | 5.6 | .7 | 1.5 |
| Illinois | - | - | 10,948 | 172 | 39,101 | 153 | 50,049 | 157 | 1.18 | 1.5 | -4.0 | 2.9 |
| Indiana | 672 | 151 | 2,727 | 122 | 21,543 | 126 | 24,933 | 126 | 1.15 | 11.1 | -2.4 | 2.9 |
| Iowa | - | - | - | - | 43 | 152 | 43 | 152 | 1.80 | -47.6 | 14.3 | 78.8 |
| Kansas | - | - | 28 | 117 | 707 | 131 | 733 | 131 | 1.86 | 36.7 | 2.9 | -6.8 |
| Kentucky | 15,256 | 172 | 60,218 | 188 | 36,259 | 122 | 111,292 | 154 | .74 | 4.7 | -2.2 | .9 |
| Louisiana | - | - | 2,770 | 127 | - | - | 2,770 | 127 | .40 | .2 | 2.2 | -4 |
| Maryland | 1 | 132 | 2,001 | 149 | 154 | 106 | 2,156 | 146 | .65 | -5.2 | 2.1 | 4.0 |
| Missouri | - | - | - | - | 2,889 | 130 | 2,889 | 130 | 2.14 | -17.2 | .3 | 1.2 |
| Montana | 13,940 | 178 | 19,237 | 98 | - | - | 33,063 | 134 | .30 | -1.9 | -.1 | -7.1 |
| New Mexico | 5,278 | 181 | 15,148 | 130 | - | - | 20,426 | 144 | .37 | 7.8 | 1.3 | .5 |
| North Dakota | - | - | 21,090 | 74 | 40 | 104 | 21,130 | 74 | .57 | -1.4 | -1.1 | 3.9 |
| Ohio | 23 | 150 | 1,030 | 139 | 26,974 | 157 | 28,027 | 156 | 1.40 | 8.3 | -1.4 | 1.4 |
| Oklahoma | 208 | 160 | 409 | 145 | 399 | 127 | 1,017 | 141 | .88 | -23.7 | -2.1 | -8.4 |
| Pennsylvania | 1,238 | 160 | 35,359 | 150 | 7,208 | 136 | 43,772 | 148 | .71 | 5.2 | -.8 | -3.0 |
| Tennessee | 617 | 158 | 3,150 | 144 | 533 | 108 | 4,300 | 141 | .53 | 4.0 | -1.2 | 2.5 |
| Texas | - | - | 29,698 | 99 | 14,198 | 117 | 43,896 | 105 | .78 | 3.3 | -2.8 | 8.3 |
| Utah | 12,774 | 124 | 826 | 153 | - | - | 13,538 | 126 | .22 | 7.3 | -2.8 | 3.2 |
| Virginia | 3,219 | 175 | 13,414 | 164 | 215 | 144 | 16,534 | 166 | .44 | -.4 | 1.3 | 4.5 |
| Washington | 3 | 130 | 4,518 | 160 | - | - | 4,518 | 160 | .43 | -5.3 | 1.9 | 4.4 |
| West Virginia | 22,607 | 169 | 34,648 | 153 | 21,083 | 136 | 78,994 | 153 | .64 | 8.6 | -1.8 | 1.3 |
| Wyoming | 141,601 | 140 | 10,722 | 102 | - | - | 152,095 | 137 | .22 | 6.0 | -2.4 | -2.6 |
| Imported | 560 | 181 | 508 | 174 | - | - | 1,069 | 178 | .28 | 14.5 | 23.5 | -6.3 |
| U.S. Total | 244,261 | 149 | 276,710 | 145 | 174,280 | 139 | 692,588 | 145 | .64 | 4.3 | -1.6 | 1.2 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1989**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Alabama | 19,658 | 18,403 | 80.1 | 87.2 | 0.69 | 0.62 | 187 | 194 |
| Alabama | 13,501 | 13,427 | 92.2 | 91.4 | .56 | .52 | 202 | 205 |
| Illinois | 795 | 212 | 3.2 | - | .99 | .91 | 110 | 102 |
| Indiana | 330 | - | - | - | 1.47 | - | 106 | - |
| Kentucky | 1,967 | 1,601 | 39.0 | 53.7 | 1.17 | .97 | 124 | 130 |
| Ohio | 2,287 | 2,430 | 100.0 | 100.0 | .89 | .97 | 209 | 205 |
| Tennessee | 685 | 694 | 26.9 | 69.7 | .31 | .31 | 126 | 124 |
| Virginia | - | 40 | - | - | - | .62 | - | 145 |
| West Virginia | 93 | - | 39.2 | - | .32 | - | 156 | - |
| Arizona | 14,052 | 12,930 | 100.0 | 100.0 | .23 | .24 | 137 | 141 |
| Arizona | 7,076 | 6,516 | 100.0 | 100.0 | .22 | .22 | 97 | 98 |
| Colorado | 483 | 490 | 100.0 | 100.0 | .17 | .15 | 172 | 170 |
| New Mexico | 6,493 | 5,925 | 100.0 | 100.0 | .25 | .26 | 182 | 189 |
| Arkansas | 10,594 | 10,762 | 100.0 | 97.9 | .19 | .20 | 163 | 160 |
| Arkansas | - | 222 | - | - | - | .41 | - | 118 |
| Wyoming | 10,594 | 10,540 | 100.0 | 100.0 | .19 | .20 | 163 | 161 |
| Colorado | 14,351 | 13,516 | 87.4 | 90.1 | .19 | .19 | 107 | 107 |
| Colorado | 9,236 | 8,562 | 83.0 | 85.0 | .19 | .19 | 109 | 106 |
| New Mexico | 32 | - | - | - | .21 | - | 130 | - |
| Utah | - | 39 | - | 54.1 | - | .18 | - | 118 |
| Wyoming | 5,083 | 4,915 | 95.9 | 99.2 | .19 | .19 | 100 | 108 |
| Connecticut | 816 | 770 | 88.6 | 96.9 | .20 | .20 | 214 | 230 |
| Kentucky | 790 | 770 | 92.5 | 96.9 | .20 | .20 | 215 | 230 |
| West Virginia | 26 | - | - | - | .24 | - | 185 | - |
| Delaware | 1,770 | 2,346 | 89.0 | 75.8 | .40 | .42 | 179 | 181 |
| Kentucky | 24 | 97 | 75.0 | 23.7 | .30 | .29 | 177 | 177 |
| Maryland | 7 | - | 100.0 | - | .58 | - | 139 | - |
| Pennsylvania | 435 | 626 | 75.5 | 76.6 | .59 | .70 | 164 | 171 |
| Virginia | 61 | - | 100.0 | - | .32 | - | 200 | - |
| West Virginia | 1,242 | 1,624 | 93.4 | 78.6 | .34 | .32 | 183 | 185 |
| Florida | 21,487 | 22,052 | 76.9 | 76.7 | .71 | .70 | 179 | 178 |
| Alabama | 13 | 137 | - | - | 1.27 | 1.20 | 114 | 114 |
| Imported | 722 | 882 | 89.3 | 73.8 | .30 | .27 | 171 | 142 |
| Illinois | 3,779 | 3,944 | 99.3 | 96.8 | 1.19 | 1.16 | 198 | 193 |
| Indiana | 496 | 91 | 15.5 | - | 1.50 | 1.26 | 129 | 110 |
| Kentucky | 13,812 | 13,516 | 69.5 | 71.6 | .64 | .67 | 172 | 175 |
| Oklahoma | - | 53 | - | - | - | .28 | - | 202 |
| Tennessee | 78 | - | 100.0 | - | .39 | - | 215 | - |
| Virginia | 763 | 977 | 97.8 | 80.1 | .29 | .28 | 232 | 211 |
| West Virginia | 1,823 | 2,452 | 89.4 | 81.1 | .47 | .51 | 182 | 173 |
| Imported coal Australia | - | 38 | - | - | - | .26 | - | 154 |
| Imported coal Colombia | 685 | 651 | 94.1 | 100.0 | .30 | .29 | 173 | 143 |
| Imported coal Venezuela | 37 | 193 | - | - | .18 | .18 | 141 | 138 |
| Georgia | 23,588 | 23,248 | 75.5 | 84.9 | .69 | .70 | 176 | 174 |
| ..... | 198 | - | - | - | .82 | - | 152 | - |
| ..... | 23 | - | - | - | .27 | - | 173 | - |
| ..... | 4,775 | 5,142 | 89.4 | 100.0 | 1.14 | 1.09 | 184 | 184 |
| ..... | 13,125 | 11,949 | 67.9 | 79.0 | .64 | .68 | 167 | 162 |
| ..... | 54 | - | - | - | .17 | - | 181 | - |
| ..... | 1,008 | 1,284 | 77.6 | 94.9 | .41 | .48 | 189 | 190 |
| ..... | 3,046 | 3,442 | 69.7 | 75.9 | .55 | .50 | 171 | 165 |
| ..... | 1,262 | 1,450 | 100.0 | 92.9 | .27 | .28 | 243 | 225 |
| ..... | 108 | - | - | - | .20 | - | 146 | - |
| ..... | 23 | - | - | - | .27 | - | 173 | - |
| ..... | 22,992 | 24,643 | 91.8 | 93.9 | .94 | .90 | 182 | 191 |
| ..... | 39 | - | - | - | .21 | - | 180 | - |
| ..... | 13,462 | 13,155 | 85.7 | 94.8 | 1.35 | 1.36 | 151 | 153 |
| ..... | 1,832 | 1,105 | 68.1 | 84.3 | .68 | .64 | 126 | 136 |
| ..... | 1,444 | 2,274 | 67.2 | 76.0 | .32 | .57 | 163 | 150 |
| ..... | 2,630 | 2,392 | 89.5 | 100.0 | .19 | .20 | 283 | 281 |
| ..... | 20 | - | - | - | .23 | - | 182 | - |
| ..... | 6 | - | - | - | .29 | - | 185 | - |
| ..... | 260 | 334 | 54.6 | 66.8 | .26 | .26 | 169 | 169 |
| ..... | 3,299 | 5,383 | 98.7 | 100.0 | .24 | .22 | 292 | 291 |
| ..... | 38,868 | 32,867 | 79.5 | 84.4 | 1.05 | 1.05 | 136 | 144 |
| ..... | - | 5 | - | - | - | .23 | - | 158 |
| ..... | 189 | 295 | 74.8 | 100.0 | .19 | .17 | 302 | 298 |
| ..... | 8,248 | 8,231 | 87.4 | 85.3 | 1.20 | 1.20 | 160 | 165 |
| ..... | 17,286 | 15,567 | 80.3 | 86.3 | 1.23 | 1.20 | 122 | 126 |

8.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1989 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Indiana | | | | | | | | |
| Kentucky | 3,831 | 3,472 | 79.5 | 68.3 | 1.21 | 1.21 | 126 | 132 |
| Montana | 286 | 410 | 61.8 | 100.0 | .18 | .20 | 235 | 286 |
| Ohio | 10 | 11 | - | - | .97 | 1.25 | 129 | 107 |
| Virginia | - | 175 | - | - | - | .27 | - | 163 |
| West Virginia | 258 | 322 | 51.6 | .6 | .38 | .29 | 186 | 172 |
| Wyoming | 6,759 | 4,478 | 69.6 | 77.6 | .22 | .22 | 142 | 156 |
| Iowa | 13,447 | 12,833 | 74.4 | 89.3 | .45 | .45 | 123 | 128 |
| Illinois | 1,722 | 2,022 | 62.0 | 80.9 | 1.27 | 1.12 | 144 | 146 |
| Indiana | 708 | 487 | 43.1 | 56.3 | 1.08 | 1.15 | 131 | 116 |
| Iowa | 43 | 82 | 100.0 | 87.8 | 1.80 | 1.01 | 152 | 133 |
| Kentucky | 75 | 34 | - | - | 1.18 | 1.44 | 127 | 119 |
| Missouri | - | 9 | - | 100.0 | - | 1.36 | - | 127 |
| Montana | - | 1 | - | - | - | .21 | - | 90 |
| Wyoming | 10,898 | 10,199 | 78.9 | 92.9 | .21 | .22 | 117 | 120 |
| Kansas | 13,681 | 13,447 | 88.8 | 90.2 | .38 | .39 | 124 | 124 |
| Illinois | 559 | 1,111 | 29.5 | 47.5 | 1.32 | 1.07 | 146 | 145 |
| Kansas | 636 | 302 | 59.0 | 92.7 | 1.94 | 2.49 | 130 | 127 |
| Missouri | - | 93 | - | 100.0 | - | 2.65 | - | 128 |
| Oklahoma | - | 59 | - | - | - | .17 | - | 156 |
| Wyoming | 12,488 | 11,883 | 92.9 | 94.5 | .20 | .23 | 122 | 122 |
| Kentucky | 28,293 | 26,472 | 62.3 | 65.5 | 1.19 | 1.10 | 114 | 120 |
| Illinois | 9 | 19 | - | - | .86 | .30 | 116 | 114 |
| Indiana | 1,927 | 2,782 | 47.2 | 64.2 | 1.11 | 1.05 | 104 | 116 |
| Kentucky | 23,487 | 20,770 | 68.1 | 70.7 | 1.29 | 1.20 | 114 | 121 |
| Ohio | 118 | 257 | 54.3 | 51.0 | 1.11 | 1.18 | 131 | 127 |
| Pennsylvania | 18 | 44 | 49.4 | 100.0 | .99 | 1.14 | 127 | 157 |
| Tennessee | 499 | 211 | 27.1 | 4.7 | 1.04 | 1.18 | 105 | 101 |
| West Virginia | 2,213 | 2,389 | 45.1 | 29.0 | .33 | .36 | 117 | 119 |
| Wyoming | 22 | - | - | - | .18 | - | 124 | - |
| Louisiana | 10,814 | 10,994 | 97.7 | 91.3 | .29 | .31 | 162 | 155 |
| Louisiana | 2,770 | 2,763 | 91.0 | 100.0 | .40 | .40 | 127 | 124 |
| West Virginia | 161 | 207 | 100.0 | 100.0 | .25 | .25 | 202 | 179 |
| Wyoming | 7,884 | 8,024 | 100.0 | 88.1 | .26 | .29 | 171 | 163 |
| Maryland | 7,876 | 8,019 | 88.0 | 78.5 | .56 | .57 | 161 | 158 |
| Imported | 247 | - | - | - | .24 | - | 194 | - |
| Kentucky | 668 | 305 | 85.0 | 95.4 | .29 | .30 | 166 | 162 |
| Maryland | 1,297 | 1,080 | 54.4 | 91.6 | .62 | .61 | 165 | 163 |
| Pennsylvania | 2,227 | 2,565 | 95.6 | 95.7 | .75 | .71 | 170 | 169 |
| West Virginia | 3,438 | 4,069 | 57.0 | 62.8 | .48 | .49 | 150 | 149 |
| Imported coal Colombia | 247 | - | - | - | .24 | - | 194 | - |
| Massachusetts | 3,982 | 3,930 | 76.3 | 80.6 | .47 | .46 | 160 | 161 |
| Imported | 35 | - | - | - | .24 | - | 196 | - |
| Kentucky | 23 | - | - | - | .35 | - | 138 | - |
| Maryland | - | 131 | - | 48.8 | - | .48 | - | 155 |
| Pennsylvania | 839 | 419 | 17.3 | - | .53 | .50 | 164 | 172 |
| Virginia | 1,582 | 1,797 | 100.0 | 94.9 | .46 | .44 | 162 | 163 |
| West Virginia | 1,523 | 1,583 | 87.4 | 88.2 | .46 | .46 | 155 | 155 |
| Imported coal Colombia | 35 | - | - | - | .24 | - | 194 | - |
| Michigan | 26,971 | 26,401 | 81.8 | 76.6 | .30 | | | |
| Illinois | - | 48 | - | - | - | | | |
| Indiana | 149 | 160 | 58.6 | 46.3 | 1.16 | | | |
| Kentucky | 6,773 | 9,159 | 84.8 | 79.4 | .33 | | | |
| Montana | 10,718 | 9,388 | 94.5 | | | | | |
| Ohio | 217 | 149 | 67.6 | | | | | |
| Pennsylvania | 1,617 | 1,710 | 71.6 | | | | | |
| Virginia | 527 | 511 | 100.0 | | | | | |
| West Virginia | 5,848 | 5,119 | 72.9 | | | | | |
| Wyoming | 1,123 | 157 | - | | | | | |
| Minnesota | 14,719 | 14,005 | 94.3 | | | | | |
| Illinois | 52 | 117 | 100.0 | | | | | |
| Indiana | 68 | 72 | - | | | | | |
| Kentucky | 1 | - | - | | | | | |
| Montana | 8,116 | 9,154 | 90.8 | | | | | |
| North Dakota | - | 37 | - | | | | | |
| Wyoming | 6,481 | 4,625 | 99.7 | | | | | |
| Mississippi | 3,229 | 4,585 | 80.5 | | | | | |
| Alabama | - | 16 | - | | | | | |
| Illinois | 1,029 | 763 | 84.9 | | | | | |

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1989 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Mississippi | | | | | | | | |
| Kentucky | 2,173 | 3,274 | 79.5 | 73.5 | 0.43 | 0.46 | 177 | 190 |
| Virginia | - | 64 | - | - | - | .26 | - | 167 |
| West Virginia | 27 | 467 | - | 29.3 | .65 | .48 | 143 | 165 |
| Missouri | 23,112 | 21,802 | 86.1 | 90.1 | 1.01 | 1.01 | 135 | 139 |
| Colorado | 62 | 54 | 14.5 | 100.0 | .17 | .30 | 187 | 138 |
| Illinois | 12,883 | 11,394 | 99.7 | 96.6 | 1.08 | 1.01 | 151 | 161 |
| Indiana | 55 | 45 | 49.1 | - | .55 | .53 | 123 | 126 |
| Kansas | 97 | 234 | 30.3 | 58.7 | 1.39 | 1.49 | 133 | 127 |
| Kentucky | 231 | 14 | 97.4 | 1.5 | 1.38 | .81 | 125 | 128 |
| Missouri | 2,889 | 3,389 | 98.9 | 98.5 | 2.14 | 2.10 | 130 | 130 |
| Oklahoma | 291 | 561 | 63.1 | 81.9 | 1.64 | 1.61 | 136 | 128 |
| Utah | 48 | - | - | - | .20 | - | 183 | - |
| Wyoming | 6,555 | 6,110 | 76.3 | 76.0 | .22 | .20 | 96 | 94 |
| Montana | 9,257 | 9,507 | 100.0 | 100.0 | .39 | .39 | 58 | 55 |
| Montana | 9,257 | 9,507 | 100.0 | 100.0 | .39 | .39 | 58 | 55 |
| Nebraska | 6,720 | 6,713 | 82.0 | 91.8 | .21 | .21 | 84 | 85 |
| Colorado | 80 | 69 | 100.0 | 100.0 | .23 | .28 | 182 | 179 |
| Montana | 0 | 0 | - | - | .18 | .16 | 23 | 89 |
| Wyoming | 6,640 | 6,643 | 81.8 | 91.7 | .21 | .21 | 82 | 83 |
| Nevada | 6,431 | 7,307 | 100.0 | 100.0 | .23 | .23 | 150 | 136 |
| Arizona | 3,851 | 4,601 | 100.0 | 100.0 | .24 | .23 | 121 | 101 |
| Utah | 2,126 | 2,127 | 100.0 | 100.0 | .23 | .21 | 190 | 195 |
| Wyoming | 454 | 579 | 100.0 | 100.0 | .24 | .25 | 199 | 193 |
| New Hampshire | 983 | 1,126 | 12.8 | 22.3 | .76 | .86 | 172 | 179 |
| Imported | - | 52 | - | - | - | .74 | - | 173 |
| Ohio | 16 | - | - | - | 1.20 | - | 183 | - |
| Pennsylvania | 195 | 133 | 20.3 | - | .50 | .61 | 174 | 174 |
| Virginia | 35 | 10 | - | 100.0 | .46 | .42 | 219 | 199 |
| West Virginia | 737 | 831 | 11.4 | 25.9 | .83 | .91 | 169 | 180 |
| Imported coal Canada | - | 52 | - | - | - | .74 | - | 173 |
| New Jersey | 3,077 | 2,193 | 76.5 | 84.3 | .44 | .47 | 175 | 172 |
| Imported | 41 | - | - | - | .20 | - | 184 | - |
| Idaho | 56 | 20 | - | - | .29 | .29 | 179 | 172 |
| Idaho | 21 | - | - | - | .55 | .79 | 181 | 178 |
| Idaho | 34 | 21 | - | - | .31 | .30 | 173 | 173 |
| Idaho | 1,058 | 802 | 79.9 | 87.2 | .31 | .30 | 173 | 173 |
| Idaho | 1,889 | 1,350 | 79.8 | 85.2 | .52 | .58 | 177 | 171 |
| Idaho | 12 | - | - | - | .22 | - | 178 | - |
| Idaho | 29 | - | - | - | .20 | - | 188 | - |
| Idaho | 13,881 | 13,011 | 100.0 | 100.0 | .43 | .42 | 124 | 118 |
| Idaho | 13,881 | 13,011 | 100.0 | 100.0 | .43 | .42 | 124 | 118 |
| Idaho | 9,105 | 7,771 | 64.1 | 60.3 | .65 | .68 | 157 | 158 |
| Idaho | 508 | 628 | 100.0 | 100.0 | .19 | .20 | 200 | 197 |
| Idaho | - | 8 | - | - | - | .68 | - | 144 |
| Idaho | 28 | 130 | - | - | .86 | .65 | 155 | 153 |
| Idaho | 5,442 | 4,576 | 44.2 | 38.0 | .68 | .70 | 149 | 149 |
| Idaho | 3,127 | 2,430 | 93.4 | 95.4 | .71 | .75 | 184 | 166 |
| Idaho | 17,080 | 15,525 | 84.1 | 93.8 | .37 | .37 | 177 | 177 |
| Idaho | 8,532 | 7,242 | 81.3 | 89.8 | .37 | .38 | 180 | 181 |
| Idaho | 166 | 206 | 100.0 | 99.5 | .54 | .54 | 187 | 190 |
| Idaho | 3,978 | 3,773 | 92.2 | 96.1 | .40 | .39 | 171 | 169 |
| Idaho | 4,403 | 4,303 | 81.8 | 97.7 | .31 | .31 | 174 | 177 |
| Idaho | 19,280 | 19,590 | 98.4 | 99.8 | .55 | .53 | 69 | 70 |
| Idaho | 19,280 | 19,590 | 98.4 | 99.8 | .55 | .53 | 69 | 70 |
| Idaho | 45,315 | 41,852 | 66.9 | 69.7 | 1.04 | 1.04 | 148 | 153 |
| Idaho | 70 | 145 | - | - | 1.28 | 1.37 | 100 | 95 |
| Idaho | 8,468 | 7,630 | 55.5 | 59.4 | .54 | .59 | 153 | 156 |
| Idaho | 22,423 | 20,597 | 70.4 | 75.8 | 1.41 | 1.41 | 153 | 155 |
| Idaho | 2,792 | 3,115 | 53.6 | 63.8 | .86 | .85 | 134 | 135 |
| Pennsylvania | 33 | - | - | - | .52 | - | 184 | - |
| West Virginia | 11,632 | 10,365 | 72.3 | 68.1 | .74 | .70 | 139 | 153 |
| Oklahoma | 13,354 | 12,285 | 90.6 | 91.4 | .25 | .25 | 137 | 149 |
| Oklahoma | 728 | 659 | 20.0 | 33.5 | .58 | .55 | 142 | 151 |
| Wyoming | 12,629 | 11,626 | 84.7 | 84.7 | .23 | .22 | 136 | 149 |
| Oregon | - | 235 | - | 91.1 | - | .19 | - | 139 |
| Wyoming | - | 235 | - | 91.1 | - | .19 | - | 139 |
| Pennsylvania | 39,297 | 38,676 | 74.5 | 79.8 | .84 | .87 | 144 | 145 |
| Kentucky | - | 7 | - | 100.0 | - | .41 | - | 193 |
| Ohio | 2,067 | 2,156 | 85.1 | 87.9 | 1.62 | 1.62 | 151 | 145 |

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1989 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|---------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Pennsylvania | | | | | | | | |
| Pennsylvania | 28,491 | 27,128 | 68.7 | 75.0 | 0.72 | 0.75 | 145 | 146 |
| West Virginia | 8,739 | 7,386 | 98.7 | 91.5 | 1.05 | 1.10 | 141 | 141 |
| South Carolina | 9,158 | 8,259 | 63.3 | 69.6 | .44 | .47 | 171 | 176 |
| Kentucky | 8,068 | 7,199 | 61.7 | 69.9 | .44 | .46 | 173 | 179 |
| Tennessee | 107 | 153 | .1 | 8.6 | .57 | .60 | 155 | 149 |
| Virginia | 957 | 853 | 84.9 | 75.3 | .50 | .54 | 157 | 157 |
| West Virginia | 25 | 54 | 16.6 | 100.0 | .50 | .39 | 172 | 195 |
| South Dakota | 1,850 | 1,945 | 100.0 | 92.6 | .73 | .71 | 124 | 121 |
| Montana | - | 144 | - | - | - | .36 | - | 112 |
| North Dakota | 1,850 | 1,800 | 100.0 | 100.0 | .73 | .75 | 124 | 122 |
| Wyoming | - | 1 | - | - | - | .17 | - | 203 |
| Tennessee | 16,874 | 18,173 | 82.2 | 87.8 | .84 | .87 | 134 | 133 |
| Illinois | 1,362 | 1,104 | 8.9 | 9.8 | .84 | .80 | 112 | 107 |
| Kentucky | 12,551 | 14,020 | 91.8 | 94.4 | .89 | .93 | 140 | 139 |
| Tennessee | 1,758 | 1,607 | 69.2 | 81.0 | .56 | .55 | 116 | 114 |
| Virginia | 1,185 | 1,159 | 83.7 | 88.6 | .72 | .57 | 123 | 125 |
| West Virginia | 18 | 284 | 100.0 | 100.0 | 1.05 | 1.11 | 139 | 138 |
| Texas | 77,295 | 72,993 | 91.1 | 96.4 | .49 | .47 | 146 | 147 |
| Colorado | 1,378 | 1,657 | 100.0 | 84.0 | .17 | .17 | 223 | 211 |
| Montana | - | 569 | - | 100.0 | - | .25 | - | 234 |
| Texas | 43,896 | 42,507 | 93.9 | 97.9 | .78 | .72 | 105 | 108 |
| Utah | 218 | 21 | 59.9 | - | .23 | .19 | 171 | 149 |
| Wyoming | 31,802 | 28,239 | 87.1 | 95.0 | .21 | .21 | 183 | 185 |
| Utah | 12,385 | 11,334 | 90.9 | 94.8 | .21 | .21 | 124 | 125 |
| Colorado | 1,239 | 801 | 100.0 | 100.0 | .20 | .20 | 240 | 247 |
| Utah | 11,146 | 10,433 | 89.9 | 94.4 | .22 | .21 | 112 | 116 |
| Virginia | 9,106 | 6,489 | 51.3 | 63.4 | .37 | .36 | 154 | 156 |
| Kentucky | 3,323 | 1,680 | 41.1 | 45.0 | .40 | .43 | 156 | 154 |
| Virginia | 3,277 | 2,985 | 70.8 | 81.2 | .36 | .35 | 156 | 157 |
| West Virginia | 2,506 | 1,824 | 39.2 | 51.2 | .34 | .29 | 149 | 156 |
| Washington | 5,122 | 5,137 | 86.1 | 90.8 | .41 | .40 | 156 | 155 |
| Montana | 55 | 86 | - | 100.0 | .17 | .21 | 131 | 131 |
| Washington | 4,518 | 4,773 | 97.6 | 93.7 | .43 | .42 | 160 | 157 |
| Wyoming | 549 | 278 | - | 38.1 | .20 | .15 | 124 | 127 |
| West Virginia | 28,720 | 24,927 | 73.6 | 85.2 | .74 | .72 | 142 | 144 |
| Kentucky | 989 | 447 | 51.0 | 90.8 | .40 | .35 | 166 | 182 |
| Maryland | 851 | 1,056 | 45.7 | 71.3 | .71 | .67 | 116 | 122 |
| Ohio | 853 | 143 | 39.0 | - | 1.67 | 1.59 | 102 | 86 |
| Pennsylvania | 298 | 155 | 12.4 | 7.6 | .62 | .55 | 120 | 122 |
| West Virginia | 25,732 | 23,125 | 77.2 | 86.8 | .73 | .73 | 144 | 145 |
| Wisconsin | 16,317 | 16,278 | 87.3 | 90.2 | .44 | .47 | 145 | 147 |
| Illinois | 1,373 | 2,051 | 90.5 | 95.9 | .87 | .84 | 145 | 168 |
| Indiana | 2,012 | 1,986 | 96.9 | 95.6 | .86 | .88 | 182 | 171 |
| Kentucky | 378 | 201 | 33.2 | 25.3 | .60 | .40 | 158 | 157 |
| Montana | 1,946 | 2,040 | 84.7 | 93.0 | .36 | .41 | 157 | 157 |
| New Mexico | - | 10 | - | - | - | .14 | - | 213 |
| Ohio | 7 | - | 100.0 | - | .58 | - | 163 | - |
| Pennsylvania | 1,385 | 1,104 | 100.0 | 100.0 | .64 | .61 | 153 | 160 |
| Virginia | 45 | 7 | - | - | .28 | .27 | 164 | 181 |
| West Virginia | 112 | 147 | 48.9 | - | .68 | .82 | 167 | 142 |
| Wyoming | 9,057 | 8,731 | 86.4 | 88.9 | .20 | .20 | 128 | 128 |
| Wyoming | 19,671 | 20,837 | 91.0 | 99.2 | .30 | .30 | 85 | 84 |
| Wyoming | 19,671 | 20,837 | 91.0 | 99.2 | .30 | .30 | 85 | 84 |
| U.S. Total | 692,588 | 664,288 | 82.5 | 86.6 | .64 | .63 | 145 | 147 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1989 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Mississippi | | | | | | | | |
| Kentucky | 2,173 | 3,274 | 79.5 | 73.5 | 0.43 | 0.46 | 177 | 190 |
| Virginia | - | 84 | - | - | - | .26 | - | 167 |
| West Virginia | 27 | 467 | - | 29.3 | .65 | .48 | 143 | 165 |
| Missouri | 23,112 | 21,802 | 86.1 | 90.1 | 1.01 | 1.01 | 135 | 139 |
| Colorado | 62 | 54 | 14.5 | 100.0 | .17 | .30 | 187 | 138 |
| Illinois | 12,883 | 11,394 | 89.7 | 96.6 | 1.08 | 1.01 | 151 | 161 |
| Indiana | 55 | 45 | 49.1 | - | .55 | .53 | 123 | 126 |
| Kansas | 97 | 234 | 30.3 | 58.7 | 1.39 | 1.49 | 133 | 127 |
| Kentucky | 231 | 14 | 97.4 | 1.5 | 1.38 | .81 | 125 | 128 |
| Missouri | 2,889 | 3,389 | 98.9 | 98.5 | 2.14 | 2.10 | 130 | 130 |
| Oklahoma | 291 | 561 | 63.1 | 81.8 | 1.64 | 1.61 | 136 | 128 |
| Utah | 48 | - | - | - | .20 | - | 183 | - |
| Wyoming | 6,555 | 6,110 | 76.3 | 76.0 | .22 | .20 | 96 | 94 |
| Montana | 9,257 | 9,507 | 100.0 | 100.0 | .39 | .39 | 58 | 55 |
| Montana | 9,257 | 9,507 | 100.0 | 100.0 | .39 | .39 | 58 | 55 |
| Nebraska | 6,720 | 6,713 | 82.0 | 91.8 | .21 | .21 | 84 | 85 |
| Colorado | 80 | 89 | 100.0 | 100.0 | .23 | .28 | 182 | 179 |
| Montana | 0 | 0 | - | - | .18 | .16 | 23 | 89 |
| Wyoming | 6,640 | 6,643 | 81.8 | 91.7 | .21 | .21 | 82 | 83 |
| Nevada | 6,431 | 7,307 | 100.0 | 100.0 | .23 | .23 | 150 | 136 |
| Arizona | 3,851 | 4,601 | 100.0 | 100.0 | .24 | .23 | 121 | 101 |
| Utah | 2,126 | 2,127 | 100.0 | 100.0 | .23 | .21 | 190 | 195 |
| Wyoming | 454 | 579 | 100.0 | 100.0 | .24 | .25 | 199 | 193 |
| New Hampshire | 983 | 1,126 | 12.6 | 22.3 | .76 | .86 | 172 | 179 |
| Imported | - | 52 | - | - | - | .74 | - | 173 |
| Ohio | 16 | - | - | - | 1.20 | - | 183 | - |
| Pennsylvania | 195 | 133 | 20.3 | - | .50 | .61 | 174 | 174 |
| Virginia | 35 | 10 | - | 100.0 | .46 | .42 | 219 | 199 |
| West Virginia | 737 | 931 | 11.4 | 25.9 | .83 | .91 | 169 | 180 |
| Imported coal Canada | - | 52 | - | - | - | .74 | - | 173 |
| New Jersey | 3,077 | 2,193 | 78.5 | 84.3 | .44 | .47 | 175 | 172 |
| Imported | 41 | - | - | - | .20 | - | 184 | - |
| Kentucky | 56 | 20 | - | - | .29 | .29 | 179 | 172 |
| Pennsylvania | 34 | 21 | - | - | .55 | .79 | 181 | 178 |
| Virginia | 1,058 | 802 | 79.9 | 87.2 | .31 | .30 | 173 | 173 |
| West Virginia | 1,889 | 1,350 | 79.8 | 85.2 | .52 | .58 | 177 | 171 |
| Imported coal Colombia | 12 | - | - | - | .22 | - | 176 | - |
| Imported coal Venezuela | 29 | - | - | - | .20 | - | 188 | - |
| New Mexico | 13,881 | 13,011 | 100.0 | 100.0 | .43 | .42 | 124 | 118 |
| New Mexico | 13,881 | 13,011 | 100.0 | 100.0 | .43 | .42 | 124 | 118 |
| New York | 9,105 | 7,771 | 64.1 | 60.3 | .65 | .68 | 157 | 158 |
| Kentucky | 508 | 628 | 100.0 | 100.0 | .19 | .20 | 200 | 197 |
| Maryland | - | 8 | - | - | - | .68 | - | 144 |
| Ohio | 28 | 130 | - | - | .86 | .65 | 155 | 153 |
| Pennsylvania | 5,442 | 4,578 | 44.2 | 38.0 | .68 | .70 | 149 | 149 |
| West Virginia | 3,127 | 2,430 | 93.4 | 95.4 | .71 | .75 | 164 | 166 |
| North Carolina | 17,080 | 15,525 | 84.1 | 93.6 | .37 | .37 | 177 | 177 |
| Kentucky | 8,532 | 7,242 | 81.3 | 89.8 | .37 | .38 | 180 | 181 |
| Tennessee | 166 | 206 | 100.0 | 99.5 | .54 | .54 | 187 | 190 |
| Virginia | 3,978 | 3,773 | 92.2 | 96.1 | .40 | .39 | 171 | 169 |
| West Virginia | 4,403 | 4,303 | 81.8 | 97.7 | .31 | .31 | 174 | 177 |
| North Dakota | 19,280 | 19,590 | 98.4 | 99.8 | .55 | .53 | 69 | 70 |
| North Dakota | 19,280 | 19,580 | 98.4 | 99.8 | .55 | .53 | 69 | 70 |
| Ohio | 45,315 | 41,852 | 66.9 | 69.7 | 1.04 | 1.04 | 148 | 153 |
| Indiana | 70 | 145 | - | - | 1.28 | 1.37 | 100 | 95 |
| Kentucky | 8,486 | 7,630 | 55.5 | 59.4 | .54 | .59 | 153 | 156 |
| Ohio | 22,423 | 20,597 | 70.4 | 75.8 | 1.41 | 1.41 | 153 | 155 |
| Pennsylvania | 2,792 | 3,115 | 53.6 | 63.8 | .86 | .85 | 134 | 135 |
| Virginia | 33 | - | - | - | .52 | - | 184 | - |
| West Virginia | 11,532 | 10,365 | 72.3 | 88.1 | .74 | .70 | 139 | 153 |
| Oklahoma | 13,354 | 12,285 | 90.6 | 91.4 | .25 | .25 | 137 | 149 |
| Oklahoma | 726 | 659 | 20.0 | 33.5 | .58 | .55 | 142 | 151 |
| Wyoming | 12,629 | 11,626 | 94.7 | 94.7 | .23 | .22 | 136 | 149 |
| Oregon | - | 235 | - | 91.1 | - | .19 | - | 139 |
| Wyoming | - | 235 | - | 91.1 | - | .19 | - | 139 |
| Pennsylvania | 39,297 | 36,678 | 74.5 | 79.6 | .84 | .87 | 144 | 145 |
| Kentucky | - | 7 | - | 100.0 | - | .41 | - | 193 |
| Ohio | 2,067 | 2,158 | 95.1 | 97.9 | 1.62 | 1.62 | 151 | 145 |

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1989 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|---------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Pennsylvania | | | | | | | | |
| Pennsylvania | 28,491 | 27,128 | 68.7 | 75.0 | 0.72 | 0.75 | 145 | 146 |
| West Virginia | 8,739 | 7,386 | 88.7 | 91.5 | 1.05 | 1.10 | 141 | 141 |
| South Carolina | 9,158 | 8,259 | 63.3 | 69.6 | .44 | .47 | 171 | 178 |
| Kentucky | 8,068 | 7,189 | 61.7 | 69.9 | .44 | .46 | 173 | 179 |
| Tennessee | 107 | 153 | .1 | 8.6 | .57 | .60 | 155 | 149 |
| Virginia | 957 | 853 | 84.9 | 75.3 | .50 | .54 | 157 | 157 |
| West Virginia | 25 | 54 | 16.6 | 100.0 | .50 | .39 | 172 | 195 |
| South Dakota | 1,850 | 1,945 | 100.0 | 92.8 | .73 | .71 | 124 | 121 |
| Montana | - | 144 | - | - | - | .36 | - | 112 |
| North Dakota | 1,850 | 1,800 | 100.0 | 100.0 | .73 | .75 | 124 | 122 |
| Wyoming | - | 1 | - | - | - | .17 | - | 203 |
| Tennessee | 16,874 | 18,173 | 82.2 | 87.8 | .84 | .87 | 134 | 133 |
| Illinois | 1,362 | 1,104 | 8.9 | 9.8 | .84 | .80 | 112 | 107 |
| Kentucky | 12,551 | 14,020 | 91.8 | 94.4 | .89 | .93 | 140 | 138 |
| Tennessee | 1,758 | 1,607 | 69.2 | 81.0 | .56 | .55 | 116 | 114 |
| Virginia | 1,185 | 1,159 | 83.7 | 88.6 | .72 | .57 | 123 | 125 |
| West Virginia | 18 | 284 | 100.0 | 100.0 | 1.05 | 1.11 | 139 | 138 |
| Texas | 77,295 | 72,993 | 91.1 | 96.4 | .49 | .47 | 146 | 147 |
| Colorado | 1,378 | 1,657 | 100.0 | 84.0 | .17 | .17 | 223 | 211 |
| Montana | - | 569 | - | 100.0 | - | .25 | - | 234 |
| Texas | 43,896 | 42,507 | 93.9 | 97.9 | .78 | .72 | 105 | 108 |
| Utah | 218 | 21 | 58.9 | - | .23 | .19 | 171 | 149 |
| Wyoming | 31,802 | 28,239 | 87.1 | 95.0 | .21 | .21 | 183 | 185 |
| Utah | 12,985 | 11,334 | 90.9 | 94.8 | .21 | .21 | 124 | 125 |
| Colorado | 1,239 | 901 | 100.0 | 100.0 | .20 | .20 | 240 | 247 |
| Utah | 11,146 | 10,433 | 89.9 | 94.4 | .22 | .21 | 112 | 116 |
| Virginia | 9,106 | 6,489 | 51.3 | 63.4 | .37 | .36 | 154 | 156 |
| Kentucky | 3,323 | 1,680 | 41.1 | 45.0 | .40 | .43 | 156 | 154 |
| Virginia | 3,277 | 2,985 | 70.8 | 81.2 | .36 | .35 | 156 | 157 |
| West Virginia | 2,506 | 1,824 | 39.2 | 51.2 | .34 | .29 | 149 | 156 |
| Washington | 5,122 | 5,137 | 86.1 | 90.8 | .41 | .40 | 156 | 155 |
| Montana | 55 | 86 | - | 100.0 | .17 | .21 | 131 | 131 |
| Washington | 4,518 | 4,773 | 97.6 | 93.7 | .43 | .42 | 160 | 157 |
| Wyoming | 549 | 278 | - | 38.1 | .20 | .15 | 124 | 127 |
| West Virginia | 28,720 | 24,927 | 73.6 | 85.2 | .74 | .72 | 142 | 144 |
| Kentucky | 988 | 447 | 51.0 | 90.8 | .40 | .35 | 166 | 182 |
| Maryland | 851 | 1,056 | 45.7 | 71.3 | .71 | .67 | 118 | 122 |
| Ohio | 853 | 143 | 39.0 | - | 1.67 | 1.59 | 102 | 86 |
| Pennsylvania | 296 | 155 | 12.4 | 7.6 | .62 | .55 | 120 | 122 |
| West Virginia | 25,732 | 23,125 | 77.2 | 86.8 | .73 | .73 | 144 | 145 |
| Wisconsin | 16,317 | 16,278 | 87.3 | 90.2 | .44 | .47 | 145 | 147 |
| Illinois | 1,373 | 2,051 | 90.5 | 95.9 | .87 | .84 | 145 | 168 |
| Indiana | 2,012 | 1,986 | 96.9 | 95.6 | .86 | .88 | 182 | 171 |
| Kentucky | 378 | 201 | 33.2 | 25.3 | .60 | .40 | 158 | 157 |
| Montana | 1,946 | 2,040 | 84.7 | 93.0 | .36 | .41 | 157 | 157 |
| New Mexico | - | 10 | - | - | - | .14 | - | 213 |
| Ohio | 7 | - | 100.0 | - | .56 | - | 183 | - |
| Pennsylvania | 1,385 | 1,104 | 100.0 | 100.0 | .64 | .61 | 153 | 160 |
| Virginia | 45 | 7 | - | - | .28 | .27 | 164 | 181 |
| West Virginia | 112 | 147 | 48.9 | - | .68 | .82 | 167 | 142 |
| Wyoming | 9,057 | 8,731 | 86.4 | 88.9 | .20 | .20 | 128 | 128 |
| Wyoming | 19,671 | 20,837 | 91.0 | 99.2 | .30 | .30 | 85 | 84 |
| Wyoming | 19,671 | 20,837 | 91.0 | 99.2 | .30 | .30 | 85 | 84 |
| U.S. Total | 692,588 | 664,288 | 82.5 | 86.6 | .64 | .63 | 145 | 147 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1989**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|---------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Alabama | 13,711 | 13,585 | 90.8 | 90.4 | 0.56 | 0.53 | 201 | 204 |
| Alabama | 13,501 | 13,427 | 92.2 | 91.4 | .56 | .52 | 202 | 205 |
| Florida | 13 | 137 | - | - | 1.27 | 1.20 | 114 | 114 |
| Georgia | 198 | - | - | - | .82 | - | 152 | - |
| Indiana | - | 5 | - | - | - | .23 | - | 158 |
| Mississippi | - | 16 | - | - | - | .98 | - | 153 |
| Arizona | 10,926 | 11,117 | 100.0 | 100.0 | .23 | .23 | 105 | 99 |
| Arizona | 7,076 | 6,518 | 100.0 | 100.0 | .22 | .22 | 97 | 98 |
| Nevada | 3,851 | 4,601 | 100.0 | 100.0 | .24 | .23 | 121 | 101 |
| Arkansas | - | 222 | - | - | - | .41 | - | 118 |
| Arkansas | - | 222 | - | - | - | .41 | - | 118 |
| Colorado | 12,706 | 12,028 | 86.5 | 87.1 | .19 | .19 | 141 | 140 |
| Arizona | 483 | 490 | 100.0 | 100.0 | .17 | .15 | 172 | 170 |
| Colorado | 9,236 | 8,562 | 83.0 | 85.0 | .19 | .19 | 109 | 108 |
| Illinois | 39 | - | - | - | .21 | - | 180 | - |
| Indiana | 189 | 295 | 74.8 | 100.0 | .19 | .17 | 302 | 298 |
| Missouri | 62 | 54 | 14.5 | 100.0 | .17 | .30 | 187 | 138 |
| Nebraska | 80 | 69 | 100.0 | 100.0 | .23 | .28 | 182 | 179 |
| Texas | 1,378 | 1,657 | 100.0 | 84.0 | .17 | .17 | 223 | 211 |
| Utah | 1,239 | 901 | 100.0 | 100.0 | .20 | .20 | 240 | 247 |
| Illinois | 50,049 | 49,314 | 87.3 | 91.4 | 1.18 | 1.14 | 157 | 164 |
| Alabama | 795 | 212 | 3.2 | - | .99 | .91 | 110 | 102 |
| Florida | 3,779 | 3,944 | 99.3 | 96.8 | 1.19 | 1.16 | 198 | 193 |
| Georgia | 4,775 | 5,142 | 99.4 | 100.0 | 1.14 | 1.09 | 184 | 194 |
| Illinois | 13,462 | 13,155 | 95.7 | 94.8 | 1.35 | 1.36 | 151 | 153 |
| Indiana | 8,248 | 8,231 | 87.4 | 95.3 | 1.20 | 1.20 | 160 | 165 |
| Iowa | 1,722 | 2,022 | 62.0 | 80.9 | 1.27 | 1.12 | 144 | 146 |
| Kansas | 559 | 1,111 | 29.5 | 47.5 | 1.32 | 1.07 | 146 | 145 |
| Kentucky | 0 | 19 | - | - | .86 | .30 | 116 | 114 |
| Michigan | - | 48 | - | - | - | .40 | - | 137 |
| Minnesota | 52 | 117 | 100.0 | 86.4 | .67 | .67 | 195 | 189 |
| Mississippi | 1,029 | 763 | 84.9 | 55.3 | .99 | .99 | 147 | 160 |
| Missouri | 12,883 | 11,394 | 89.7 | 96.6 | 1.08 | 1.01 | 151 | 161 |
| Tennessee | 1,362 | 1,104 | 8.9 | 9.8 | .84 | .80 | 112 | 107 |
| Wisconsin | 1,373 | 2,051 | 90.5 | 95.9 | .87 | .84 | 145 | 168 |
| Indiana | 24,933 | 22,440 | 74.1 | 82.0 | 1.15 | 1.12 | 126 | 129 |
| Alabama | 330 | - | - | - | 1.47 | - | 108 | - |
| Florida | 496 | 91 | 15.5 | - | 1.50 | 1.26 | 129 | 119 |
| Illinois | 1,832 | 1,105 | 68.1 | 84.3 | .88 | .64 | 126 | 136 |
| Indiana | 17,286 | 15,567 | 80.3 | 86.3 | 1.23 | 1.20 | 122 | 126 |
| Iowa | 708 | 487 | 43.1 | 56.3 | 1.08 | 1.15 | 131 | 116 |
| Kentucky | 1,927 | 2,782 | 47.2 | 64.2 | 1.11 | 1.05 | 104 | 116 |
| Michigan | 149 | 160 | 58.6 | 48.3 | 1.16 | 1.16 | 155 | 160 |
| Minnesota | 68 | 72 | - | - | .82 | .79 | 138 | 148 |
| Missouri | 55 | 45 | 49.1 | - | .55 | .53 | 123 | 126 |
| Ohio | 70 | 145 | - | - | 1.28 | 1.37 | 100 | 95 |
| Wisconsin | 2,012 | 1,986 | 96.9 | 95.6 | .86 | .88 | 182 | 171 |
| Iowa | 43 | 82 | 100.0 | 87.8 | 1.80 | 1.01 | 152 | 133 |
| Iowa | 43 | 82 | 100.0 | 87.8 | 1.80 | 1.01 | 152 | 133 |
| Kansas | 733 | 536 | 55.2 | 77.8 | 1.86 | 1.99 | 131 | 127 |
| Kansas | 636 | 302 | 59.0 | 92.7 | 1.84 | 2.49 | 130 | 127 |
| Missouri | 97 | 234 | 30.3 | 58.7 | 1.39 | 1.49 | 133 | 127 |
| Kentucky | 111,292 | 106,308 | 70.5 | 75.9 | .74 | .73 | 154 | 158 |
| Alabama | 1,967 | 1,601 | 39.0 | 53.7 | 1.17 | .97 | 124 | 130 |
| Connecticut | 790 | 770 | 92.5 | 96.9 | .20 | .20 | 215 | 230 |
| Delaware | 24 | 97 | 75.0 | 23.7 | .30 | .28 | 177 | 177 |
| Florida | 13,812 | 13,516 | 69.5 | 71.6 | .64 | .67 | 172 | 175 |
| Georgia | 13,125 | 11,949 | 67.9 | 79.0 | .64 | .68 | 167 | 162 |
| Illinois | 1,444 | 2,274 | 67.2 | 76.0 | .32 | .57 | 163 | 150 |
| Indiana | 3,831 | 3,472 | 79.5 | 68.3 | 1.21 | 1.21 | 126 | 132 |
| Iowa | 75 | 34 | - | - | 1.18 | 1.44 | 127 | 119 |
| Kentucky | 23,487 | 20,770 | 66.1 | 70.7 | 1.29 | 1.20 | 114 | 121 |
| Maryland | 666 | 305 | 85.0 | 95.4 | .29 | .30 | 166 | 162 |
| Massachusetts | 23 | - | - | - | .35 | - | 138 | - |
| Michigan | 6,773 | 9,159 | 84.8 | 79.4 | .33 | .32 | 194 | 191 |
| Minnesota | 1 | - | - | - | .29 | - | 198 | - |
| Mississippi | 2,173 | 3,274 | 79.5 | 73.5 | .43 | .46 | 177 | 190 |
| Missouri | 231 | 14 | 97.4 | 1.5 | 1.38 | .81 | 125 | 128 |
| New Jersey | 56 | 20 | - | - | .29 | .29 | 179 | 172 |

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1989
(Continued)**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|--------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Kentucky | | | | | | | | |
| New York | 508 | 628 | 100.0 | 100.0 | 0.19 | 0.20 | 200 | 187 |
| North Carolina | 8,532 | 7,242 | 81.3 | 89.8 | .37 | .38 | 180 | 181 |
| Ohio | 8,468 | 7,630 | 55.5 | 59.4 | .54 | .59 | 153 | 156 |
| Pennsylvania | - | 7 | - | 100.0 | - | .41 | - | 193 |
| South Carolina | 8,068 | 7,199 | 61.7 | 69.9 | .44 | .46 | 173 | 179 |
| Tennessee | 12,551 | 14,020 | 91.8 | 94.4 | .89 | .93 | 140 | 138 |
| Virginia | 3,323 | 1,680 | 41.1 | 45.0 | .40 | .43 | 158 | 154 |
| West Virginia | 988 | 447 | 51.0 | 80.8 | .40 | .35 | 106 | 182 |
| Wisconsin | 378 | 201 | 33.2 | 25.3 | .60 | .40 | 158 | 157 |
| Louisiana | 2,770 | 2,763 | 91.0 | 100.0 | .40 | .40 | 127 | 124 |
| Louisiana | 2,770 | 2,763 | 91.0 | 100.0 | .40 | .40 | 127 | 124 |
| Maryland | 2,156 | 2,275 | 51.1 | 79.4 | .65 | .63 | 146 | 143 |
| Delaware | 7 | - | 100.0 | - | .58 | - | 139 | - |
| Maryland | 1,297 | 1,080 | 54.4 | 91.8 | .62 | .61 | 165 | 163 |
| Massachusetts | - | 131 | - | 48.8 | - | .48 | - | 155 |
| New York | - | 8 | - | - | - | .08 | - | 144 |
| West Virginia | 851 | 1,056 | 45.7 | 71.3 | .71 | .87 | 116 | 122 |
| Missouri | 2,889 | 3,491 | 98.9 | 98.6 | 2.14 | 2.11 | 130 | 130 |
| Iowa | - | 9 | - | 100.0 | - | 1.36 | - | 127 |
| Kansas | - | 93 | - | 100.0 | - | 2.65 | - | 128 |
| Missouri | 2,889 | 3,389 | 98.9 | 98.5 | 2.14 | 2.10 | 130 | 130 |
| Montana | 33,063 | 33,692 | 94.4 | 94.0 | .30 | .33 | 134 | 134 |
| Georgia | 54 | - | - | - | .17 | - | 181 | - |
| Illinois | 2,630 | 2,392 | 99.5 | 100.0 | .19 | .20 | 283 | 281 |
| Indiana | 286 | 410 | 61.8 | 100.0 | .18 | .20 | 235 | 288 |
| Iowa | - | 1 | - | - | - | .21 | - | 90 |
| Michigan | 10,718 | 9,388 | 94.5 | 85.8 | .19 | .20 | 153 | 159 |
| Minnesota | 8,116 | 9,154 | 90.8 | 95.8 | .39 | .43 | 127 | 125 |
| Montana | 9,257 | 9,507 | 100.0 | 100.0 | .39 | .39 | 58 | 55 |
| Nebraska | 0 | 0 | - | - | .18 | .16 | 23 | 89 |
| South Dakota | - | 144 | - | - | - | .38 | - | 112 |
| Texas | - | 569 | - | 100.0 | - | .25 | - | 234 |
| Washington | 55 | 86 | - | 100.0 | .17 | .21 | 131 | 131 |
| Wisconsin | 1,946 | 2,040 | 84.7 | 93.0 | .36 | .41 | 157 | 157 |
| New Mexico | 20,426 | 18,945 | 99.7 | 99.9 | .37 | .37 | 144 | 142 |
| Arizona | 6,493 | 5,825 | 100.0 | 100.0 | .25 | .26 | 182 | 189 |
| Colorado | 32 | - | - | - | .21 | - | 130 | - |
| Illinois | 20 | - | - | - | .23 | - | 182 | - |
| New Mexico | 13,881 | 13,011 | 100.0 | 100.0 | .43 | .42 | 124 | 118 |
| Wisconsin | - | 10 | - | - | - | .14 | - | 213 |
| North Dakota | 21,130 | 21,427 | 98.5 | 99.8 | .57 | .55 | 74 | 75 |
| Minnesota | - | 37 | - | 100.0 | - | .58 | - | 176 |
| North Dakota | 19,280 | 19,590 | 98.4 | 99.8 | .55 | .53 | 89 | 70 |
| South Dakota | 1,850 | 1,800 | 100.0 | 100.0 | .73 | .75 | 124 | 122 |
| Ohio | 28,027 | 25,874 | 73.5 | 78.8 | 1.40 | 1.38 | 156 | 158 |
| Alabama | 2,287 | 2,430 | 100.0 | 100.0 | .99 | .97 | 209 | 205 |
| Indiana | 10 | 11 | - | - | .97 | 1.25 | 129 | 107 |
| Kentucky | 118 | 257 | 54.3 | 51.0 | 1.11 | 1.18 | 131 | 127 |
| Michigan | 217 | 149 | 87.8 | 74.5 | 1.24 | 1.42 | 179 | 185 |
| New Hampshire | 16 | - | - | - | 1.20 | - | 183 | - |
| New York | 28 | 130 | - | - | .86 | .85 | 155 | 153 |
| Ohio | 22,423 | 20,597 | 70.4 | 75.8 | 1.41 | 1.41 | 153 | 155 |
| Pennsylvania | 2,067 | 2,156 | 95.1 | 97.9 | 1.62 | 1.62 | 151 | 145 |
| West Virginia | 853 | 143 | 39.0 | - | 1.67 | 1.59 | 102 | 86 |
| Wisconsin | 7 | - | 100.0 | - | .56 | - | 163 | - |
| Oklahoma | 1,017 | 1,332 | 32.4 | 51.1 | .88 | .96 | 141 | 144 |
| Florida | - | 53 | - | - | - | .28 | - | 202 |
| Kansas | - | 59 | - | - | - | .17 | - | 158 |
| Missouri | 291 | 561 | 83.1 | 81.9 | 1.64 | 1.61 | 136 | 128 |
| Oklahoma | 726 | 659 | 20.0 | 33.5 | .58 | .55 | 142 | 151 |
| Pennsylvania | 43,772 | 41,597 | 65.6 | 70.4 | .71 | .73 | 148 | 149 |
| Delaware | 435 | 626 | 75.5 | 76.6 | .59 | .70 | 164 | 171 |
| Kentucky | 18 | 44 | 49.4 | 100.0 | .99 | 1.14 | 127 | 157 |
| Maryland | 2,227 | 2,565 | 95.6 | 95.7 | .75 | .71 | 170 | 169 |
| Massachusetts | 839 | 419 | 17.3 | - | .53 | .50 | 164 | 172 |
| Michigan | 1,617 | 1,710 | 71.6 | 65.1 | .50 | .49 | 172 | 165 |
| New Hampshire | 195 | 133 | 20.3 | - | .50 | .61 | 174 | 174 |
| New Jersey | 34 | 21 | - | - | .55 | .79 | 181 | 178 |

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1989**
(Continued)

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|---------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Pennsylvania | | | | | | | | |
| New York | 5,442 | 4,576 | 44.2 | 38.0 | 0.68 | 0.70 | 149 | 149 |
| Ohio | 2,792 | 3,115 | 53.6 | 63.8 | .86 | .85 | 134 | 135 |
| Pennsylvania | 28,491 | 27,128 | 68.7 | 75.0 | .72 | .75 | 145 | 146 |
| West Virginia | 298 | 155 | 12.4 | 7.8 | .62 | .55 | 120 | 122 |
| Wisconsin | 1,385 | 1,104 | 100.0 | 100.0 | .64 | .61 | 153 | 160 |
| Tennessee | 4,300 | 4,135 | 59.6 | 77.7 | .53 | .52 | 141 | 143 |
| Alabama | 685 | 694 | 26.9 | 69.7 | .31 | .31 | 126 | 124 |
| Florida | 79 | - | 100.0 | - | .39 | - | 215 | - |
| Georgia | 1,008 | 1,264 | 77.6 | 94.9 | .41 | .48 | 199 | 190 |
| Kentucky | 499 | 211 | 27.1 | 4.7 | 1.04 | 1.18 | 105 | 101 |
| North Carolina | 166 | 206 | 100.0 | 99.5 | .54 | .54 | 197 | 190 |
| South Carolina | 107 | 153 | .1 | 8.6 | .57 | .60 | 155 | 149 |
| Tennessee | 1,758 | 1,607 | 69.2 | 81.0 | .56 | .55 | 116 | 114 |
| Texas | 43,896 | 42,507 | 93.9 | 97.9 | .78 | .72 | 105 | 108 |
| Texas | 43,896 | 42,507 | 93.9 | 97.9 | .78 | .72 | 105 | 108 |
| Utah | 13,538 | 12,621 | 90.7 | 95.1 | .22 | .21 | 126 | 129 |
| Colorado | - | 39 | - | 54.1 | - | .18 | - | 118 |
| Missouri | 48 | - | - | - | .20 | - | 183 | - |
| Nevada | 2,128 | 2,127 | 100.0 | 100.0 | .23 | .21 | 190 | 195 |
| Texas | 218 | 21 | 59.9 | - | .23 | .19 | 171 | 149 |
| Utah | 11,146 | 10,433 | 89.9 | 94.4 | .22 | .21 | 112 | 116 |
| Virginia | 16,534 | 16,595 | 82.6 | 84.8 | .44 | .42 | 166 | 164 |
| Alabama | - | 40 | - | - | - | .62 | - | 145 |
| Delaware | 61 | - | 100.0 | - | .32 | - | 200 | - |
| Florida | 763 | 977 | 97.8 | 80.1 | .29 | .28 | 232 | 211 |
| Georgia | 3,046 | 3,442 | 69.7 | 75.9 | .55 | .50 | 171 | 165 |
| Illinois | 6 | - | - | - | .29 | - | 185 | - |
| Indiana | - | 175 | - | - | - | .27 | - | 163 |
| Massachusetts | 1,562 | 1,797 | 100.0 | 94.9 | .46 | .44 | 162 | 163 |
| Michigan | 527 | 511 | 100.0 | 100.0 | .46 | .46 | 176 | 171 |
| Mississippi | - | 84 | - | - | - | .26 | - | 167 |
| New Hampshire | 35 | 10 | - | 100.0 | .46 | .42 | 219 | 199 |
| New Jersey | 1,058 | 802 | 79.9 | 87.2 | .31 | .30 | 173 | 173 |
| North Carolina | 3,978 | 3,773 | 92.2 | 96.1 | .40 | .39 | 171 | 169 |
| Ohio | 33 | - | - | - | .52 | - | 184 | - |
| South Carolina | 957 | 853 | 84.9 | 75.3 | .50 | .54 | 157 | 157 |
| Tennessee | 1,185 | 1,159 | 83.7 | 88.6 | .72 | .57 | 123 | 125 |
| Virginia | 3,277 | 2,965 | 70.8 | 81.2 | .36 | .35 | 156 | 157 |
| Wisconsin | 45 | 7 | - | - | .28 | .27 | 164 | 181 |
| Washington | 4,518 | 4,773 | 97.6 | 93.7 | .43 | .42 | 160 | 157 |
| Washington | 4,518 | 4,773 | 97.6 | 93.7 | .43 | .42 | 160 | 157 |
| West Virginia | 76,894 | 72,215 | 75.6 | 77.5 | .64 | .63 | 153 | 155 |
| Alabama | 93 | - | 39.2 | - | .32 | - | 156 | - |
| Connecticut | 26 | - | - | - | .24 | - | 185 | - |
| Delaware | 1,242 | 1,624 | 93.4 | 78.6 | .34 | .32 | 183 | 185 |
| Florida | 1,823 | 2,452 | 89.4 | 81.1 | .47 | .51 | 182 | 173 |
| Georgia | 1,262 | 1,450 | 100.0 | 92.9 | .27 | .28 | 243 | 225 |
| Illinois | 260 | 334 | 54.6 | 66.8 | .26 | .26 | 169 | 169 |
| Indiana | 258 | 322 | 51.6 | .6 | .38 | .29 | 186 | 172 |
| Kentucky | 2,213 | 2,389 | 45.1 | 29.0 | .33 | .36 | 117 | 119 |
| Louisiana | 161 | 207 | 100.0 | 100.0 | .25 | .25 | 202 | 179 |
| Maryland | 3,438 | 4,069 | 57.0 | 62.8 | .48 | .49 | 150 | 149 |
| Massachusetts | 1,523 | 1,583 | 87.4 | 88.2 | .46 | .46 | 155 | 157 |
| Michigan | 5,846 | 5,119 | 72.9 | 60.5 | .29 | .30 | 180 | 176 |
| Mississippi | 27 | 467 | - | 29.3 | .65 | .48 | 143 | 165 |
| New Hampshire | 737 | 931 | 11.4 | 25.9 | .83 | .91 | 169 | 180 |
| New Jersey | 1,889 | 1,350 | 79.8 | 85.2 | .52 | .58 | 177 | 171 |
| New York | 3,127 | 2,430 | 93.4 | 95.4 | .71 | .75 | 164 | 166 |
| North Carolina | 4,403 | 4,303 | 81.8 | 97.7 | .31 | .31 | 174 | 177 |
| Ohio | 11,532 | 10,365 | 72.3 | 68.1 | .74 | .70 | 139 | 153 |
| Pennsylvania | 9,739 | 7,388 | 88.7 | 91.5 | 1.05 | 1.10 | 141 | 141 |
| South Carolina | 25 | 54 | 16.6 | 100.0 | .50 | .39 | 172 | 195 |
| Tennessee | 18 | 284 | 100.0 | 100.0 | 1.05 | 1.11 | 139 | 138 |
| Virginia | 2,506 | 1,824 | 39.2 | 51.2 | .34 | .29 | 149 | 158 |
| West Virginia | 25,732 | 23,125 | 77.2 | 86.8 | .73 | .73 | 144 | 145 |
| Wisconsin | 112 | 147 | 48.9 | - | .68 | .82 | 167 | 142 |
| Wyoming | 152,095 | 143,481 | 88.3 | 93.8 | .22 | .23 | 137 | 141 |
| Arkansas | 10,584 | 10,540 | 100.0 | 100.0 | .19 | .20 | 163 | 161 |

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1989
(Continued)**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Quality (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|---------|--------------------------------|-------|--|------|-----------------------------|------|
| | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 | 1989 | 1988 |
| Wyoming | | | | | | | | |
| Colorado | 5,083 | 4,915 | 95.9 | 99.2 | 0.19 | 0.19 | 100 | 108 |
| Georgia | 108 | - | - | - | .20 | - | 146 | - |
| Illinois | 3,299 | 5,383 | 98.7 | 100.0 | .24 | .22 | 292 | 291 |
| Indiana | 6,759 | 4,478 | 69.6 | 77.6 | .22 | .22 | 142 | 156 |
| Iowa | 10,898 | 10,199 | 78.9 | 92.9 | .21 | .22 | 117 | 120 |
| Kansas | 12,486 | 11,883 | 92.9 | 94.5 | .20 | .23 | 122 | 122 |
| Kentucky | 22 | - | - | - | .18 | - | 124 | - |
| Louisiana | 7,884 | 8,024 | 100.0 | 88.1 | .26 | .29 | 171 | 163 |
| Michigan | 1,123 | 157 | - | - | .17 | .22 | 118 | 130 |
| Minnesota | 6,481 | 4,625 | 99.7 | 100.0 | .16 | .15 | 112 | 111 |
| Missouri | 6,555 | 6,110 | 78.3 | 76.0 | .22 | .20 | 98 | 94 |
| Nebraska | 6,640 | 6,643 | 81.8 | 91.7 | .21 | .21 | 82 | 83 |
| Nevada | 454 | 579 | 100.0 | 100.0 | .24 | .25 | 189 | 193 |
| Oklahoma | 12,629 | 11,626 | 94.7 | 94.7 | .23 | .22 | 136 | 149 |
| Oregon | - | 235 | - | 91.1 | - | .19 | - | 139 |
| South Dakota | - | 1 | - | - | - | .17 | - | 203 |
| Texas | 31,802 | 28,239 | 87.1 | 95.0 | .21 | .21 | 183 | 185 |
| Washington | 549 | 278 | - | 38.1 | .20 | .15 | 124 | 127 |
| Wisconsin | 9,057 | 8,731 | 86.4 | 88.9 | .20 | .20 | 128 | 128 |
| Wyoming | 19,671 | 20,837 | 91.0 | 99.2 | .30 | .30 | 85 | 84 |
| Imported Coal | 1,069 | 934 | 60.4 | 69.7 | .28 | .30 | 178 | 144 |
| Australia | - | 38 | - | - | - | .26 | - | 154 |
| Florida | - | 38 | - | - | - | .26 | - | 154 |
| Canada | - | 52 | - | - | - | .74 | - | 173 |
| New Hampshire | - | 52 | - | - | - | .74 | - | 173 |
| Colombia | 1,003 | 651 | 64.3 | 100.0 | .28 | .29 | 179 | 143 |
| Florida | 885 | 651 | 94.1 | 100.0 | .30 | .29 | 173 | 143 |
| Georgia | 23 | - | - | - | .27 | - | 173 | - |
| Maryland | 247 | - | - | - | .24 | - | 194 | - |
| Massachusetts | 35 | - | - | - | .24 | - | 196 | - |
| New Jersey | 12 | - | - | - | .22 | - | 176 | - |
| Venezuela | 68 | 193 | - | - | .19 | .18 | 161 | 138 |
| Florida | 37 | 193 | - | - | .18 | .18 | 141 | 138 |
| New Jersey | 29 | - | - | - | .20 | - | 188 | - |
| U.S. Total | 692,588 | 664,288 | 82.5 | 86.6 | .64 | .63 | 145 | 147 |

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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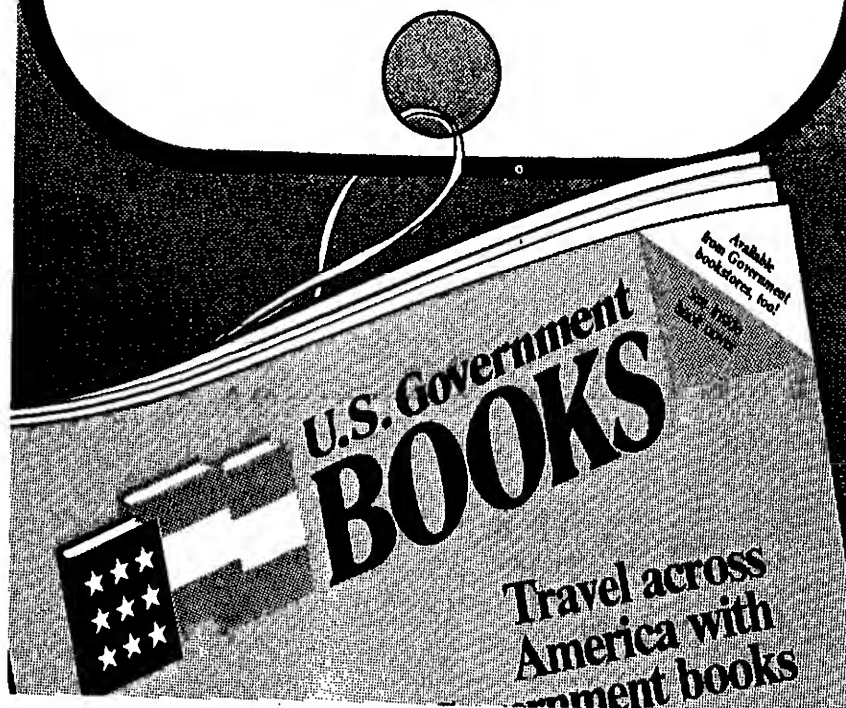
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